

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

63761

1939

RECEIVED
JAN 10 1939
U. S. Department of Agriculture

Roman J. Irwin

Roman J. Irwin
Incorporated



38 West 27th Street
New York, N.Y.
Telephone
BOgardus 4-2444

CABLE ADDRESS: "BULBS, NEW YORK"

Valuable Information for the Grower

PLANTING TABLE FOR COLD STORAGE LILIUM GIGANTEUM AND FLOWERING DATES

Planting Date	Flowering Date	Planting Date	Flowering Date
January 1.....	April 15 to 25	May 15.....	August 20
January 15.....	April 25 to May 5	June 1.....	September 1
February 1.....	May 15 to 30	June 15.....	September 15
February 15.....	June 1 to 10	July 1.....	October 1
March 1.....	June 10 to 30	July 15.....	October 15
March 15.....	July 1 to 10	August 1.....	November 1
April 1.....	July 15 to 30	September 1.....	November 25
April 15.....	August 1	September 15.....	December 15 to 25
May 1.....	August 10	October 1.....	January 1 to 10

If LILIUM SPECIOSUM RUBRUM or MAGNIFICUM are planted on the above dates it will take six to eight weeks longer to flower them than the Lilium Giganteum.

Lilium Rubrum or Magnificum should be planted June 15 to July 1 to flower for Christmas.

The above are all approximate flowering dates. If we have extremely warm weather they may flower a week earlier. It all depends on the weather conditions.

EASTER DATES for NEXT 12 YEARS

1939	April 9	1943	April 25	1947	April 6
1940	March 24	1944	April 9	1948	March 25
1941	April 13	1945	April 1	1949	April 17
1942	April 5	1946	April 21	1950	April 9

MOTHERS DAY

1939	May 14	1941	May 11
1940	May 12	1942	May 10
1943	May 9		

MEMORIAL DAY.....May 30 | ST. VALENTINE'S DAY.....Feb. 14

INDEX

	Page
Carnation Cuttings.....	2 to 6
Carnation Bands.....	5
Plants and Cuttings.....	2 to 16
Delphinium.....	9 and 15
Gypsophila.....	10 and 16
Poinsettias.....	13
Roses.....	13
Seedlings.....	14
Perennials.....	15 and 16
Books—Horticultural.....	16
Seeds—Flower.....	17 to 22
Vegetable.....	22

	Page
Bulbs and Roots.....	23 to 29
Freesias.....	24
Gladiolus.....	25
Valley Pips.....	27
Lilies.....	27 and 28
Fertilizers.....	30 and 31
Sheep Manure.....	31
Supplies, Etc.....	30 and 31
Paper Pots.....	30
Soil Test Kits.....	30
Root Forming Products.....	31
Insecticides and Disinfectants.....	32
Sprayers and Dusters.....	Inside back cover
To-Na-Cide.....	Back cover

IN PRESENTING

you this copy of our new catalog for 1939 I wish to thank all my friends in the trade for their business in the past and trust it will continue throughout the years.

ROMAN J. IRWIN

1939

GENERAL WHOLESALE CATALOG

PLANTS *and*

CUTTINGS ■ BULBS ■ SEEDS

Insecticides ■

Fertilizers ■

Supplies

Price Table on Small Orders

On orders for less than one hundred Cuttings, Plants or Bulbs, we have to make a small additional charge to cover cost of handling, etc. See price table below for cost of twenty-five or fifty.

Orders for 250 or more of one variety are charged at the thousand rate. For other terms and information see *Inside Back Cover*.

PRICES

Per 100.....	\$3.00	\$3.50	\$4.00	\$5.00	\$6.00	\$7.00	\$7.50	\$8.00	\$9.00	\$10.00	\$12.00	\$12.50
50 for.....	\$1.75	\$2.00	\$2.50	\$3.00	\$3.50	\$4.00	\$4.25	\$4.50	\$5.00	\$5.50	\$6.50	\$6.75
25 for.....	\$1.00	\$1.25	\$1.50	\$1.75	\$2.00	\$2.25	\$2.50	\$2.75	\$3.00	\$3.25	\$3.50	\$3.75

PRICES

Per 100.....	\$14.00	\$15.00	\$16.00	\$17.00	\$17.50	\$18.00	\$20.00	\$22.50	\$25.00	\$27.50	\$30.00
50 for.....	\$7.50	\$8.00	\$8.50	\$9.00	\$9.25	\$9.50	10.50	\$11.50	\$13.00	\$14.00	\$15.00
25 for.....	\$4.00	\$4.25	\$4.50	\$4.75	\$5.00	\$5.25	\$5.50	\$6.00	\$7.00	\$7.50	\$8.00

Satisfaction Guaranteed

We are located in the heart of the New York Cut Flower Market. We have nine men on the road traveling extensively in nearly all sections of the country. Our position, for over 27 years, has been one of daily contact with the grower and his needs.

This catalog, we believe, is full evidence in itself of our long established plan to render a complete service to the grower in a full line of **Seeds, Bulbs, Plants, Cuttings, Insecticides, Fertilizers**, etc. At all times we invite inquiries as to prices and all other information.

If you have a surplus of good stock in small **PLANTS** and **CUTTINGS**—write us. We may be able to help you dispose of same.

Roman J. Irwin
Incorporated



38 West 27th Street
New York, N.Y.

Telephone
BOgardus 4-2444



IRWIN'S CARNATION INTRODUCTIONS Are Dependable

Mr. Carnation Grower:

For over 25 years, Carnations have been one of my specialties. In 1934 I introduced "Virginia" and had exclusive sale for two years. Growers from coast to coast and all parts of Europe tell me it is the best light pink carnation they have bought in recent years.

For 1939 we are offering some very good new Carnations that have real commercial value. All of them have been tried out. Virginia Rose, Mrs. C. B. Johnson, Gardenia, Kathryn Elizabeth, Tamerlane, Favourite, etc. I can vouch for all of them.

Before recommending new carnations I make sure of their commercial merit and see them growing several times. I consider the keeping and shipping qualities of new Carnations most important. They must be free flowering with good stems and clean, healthy growers.

In addition to specializing in Carnations in this country, my export business on Carnations has been built up to considerable volume as a result of my recommendation of the best varieties introduced in America. I give particular attention to foreign orders as to special packing, and am familiar with regulations and other details regarding exporting, such as obtaining permits, certificates, etc.

When interested in new varieties write me and I will gladly give you my candid opinion.

ROMAN J. IRWIN

NEW CARNATIONS FOR 1939

VIRGINIA ROSE

Mr. C. B. Johnson, Woburn, Mass., bought these two original plants from the Hingham Flower & Garden Co., Hingham, Mass., who were also originators of Virginia.

Mr. Johnson paid \$2,000.00 for these two plants. Below is a photostatic copy of Mr. Johnson's check.

Rooted Cuttings: 25 for \$4.50, 50 for \$8.00, 100 for \$15.00, 1000 for \$125.00

For description, see page 5



53-308

WOBURN, MASS. Jan 31 1936 No. _____

TANNERS NATIONAL BANK
IN WOBURN, MASS.

PAY TO THE ORDER OF Hingham Flower & Garden Co. \$ 2000

Two thousand DOLLARS

C. B. Johnson

Brown, Lent & Pett, New York

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

GARDENIA

(Seedling)

Developed by Wm. Sim & Son, No. Berwick, Maine. Sold exclusively by us. We named this beautiful fragrant white Carnation Gardenia because it can be used in corsages particularly when Gardenias are scarce. Without doubt Gardenia is the largest pure snow white Carnation grown, judging from reports we have received from growers in Denver and other sections in this country and in Europe. We sold 25,000 cuttings last year to introduce it. Gardenia is a clean, healthy grower, flowers 4 inches and over (*see cut*) good stem and a very good keeper. We do not hesitate to recommend Gardenia Carnation to you. All orders filled in rotation. With Wm. Sim & Son, it produces 9 to 10 flowers per plant.

**25 for \$6.00, 50 for \$11.00,
100 for \$20.00. 1000 for \$150.00**



Gardenia



Favourite

FAVOURITE

(Seedling)

Developed by Wm. Sim & Son, No. Berwick, Maine. Color pure white, 3½ inches, fringed flowers. Makes a good, strong plant, free flowering and keeps well. We describe it as a greatly improved Ivory. From trial shipments we have orders booked from Denver and other sections and also from Europe. Having limited stock of Favourite we can offer it in 250 lots only. We are sole distributors.

**100 for \$15.00, 1000 for \$125.00
250 or more at 1000 rate**

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

MRS. C. B. JOHNSON

(Seedling)

Cross Virginia and Patrician. Color, a lovely light salmon pink and a strong, clean, healthy grower with fine, strong stem. Free flowering and a wonderful keeper, and we have found no splits. Flowers measure 3½ inches and over that are very double and perfect form. We named this wonderful Carnation in honor of Mrs. C. B. Johnson, wife of Mr. C. B. Johnson, a well known Carnation grower who developed so many good varieties such as: Peter Fisher, Woburn, Johnson's Crimson, Ivory and many others. This Carnation was developed by Hingham Flower & Garden Co., Hingham, Mass. and introduced exclusively by us. We shipped samples for trial all over this country and Europe and the reports are wonderful. We sent ten cuttings to one grower in Holland last year and when they flowered this year he ordered 10,000 cuttings. From Sweden we received two orders for 5,000 each, the result of the samples. We and Mr. C. B. Johnson and many other growers think this Carnation has a wonderful future. We feel sure that every Carnation grower will be pleased and profit by growing this variety.

25 for.....\$4.50 100 for.....\$15.00
50 for.....\$8.00 1000 for.....\$125.00



Mrs. C. B. Johnson

PRICES FOR 1939—ROOTED CARNATION CUTTINGS

	25	50	100	1000
ANTARCTIC. White.....	\$2.50	\$4.25	\$8.00	\$70.00
BARBARA BRIGHAM. Lovely orange variegated sport of Golden Wonder; doing very well	2.25	4.00	7.00	60.00
BARBARA FARR. Red sport of Spectrum....	3.50	6.25	12.00	100.00
CARLOTTA. Dark pink with rose cast.....	2.00	3.25	6.00	50.00
CHIEF KOKOMO. Pink variegated on yellow. Patented.....	3.50	6.25	12.00	100.00
CLARK'S BEAUTY. Glowing dark pink. See description.....	4.25	8.00	15.00	125.00
CORONET. Light yellow with red and white markings.....	4.50	8.00	15.00	....
DAINTY QUEEN. Variegated, pink and white. See description.....	4.50	8.00	15.00	125.00
DELICACY. White variegated.....	3.50	6.25	12.00	100.00
DIRIGO. Ward color seedling. See description.....	4.25	8.00	15.00	125.00
ELEANOR. Light pink.....	2.00	3.75	7.00	60.00
ETHEL. Fine pure white.....	2.50	4.50	8.00	75.00
FAVOURITE. New white. See description...	4.50	8.00	15.00	125.00
GARDENIA. Giant pure white. See description.....	6.00	11.00	20.00	150.00
GARNET BEAUTY. Crimson. Doing very well. See description.....	3.00	5.50	10.00	90.00
GIANT LADDIE. Light flesh pink.....	4.25	8.00	15.00	125.00
GOLDEN WONDER. Yellow, variegated with deep pink.....	2.50	4.25	8.00	60.00
GREATHEART. Giant pink Ward color. Patented. See description.....	6.00	11.00	20.00	150.00
IVORY. White.....	2.00	3.00	5.00	45.00
JOAN MARIE. Pure white. Patented.....	3.00	5.25	10.00	80.00
JOHNSON'S CRIMSON. Prolific.....	2.00	2.75	5.00	45.00
KATHRYN ELIZABETH. Seedling. Ward color. See description.....	3.50	6.50	12.00	100.00
KING CARDINAL. Best scarlet. Patented..	3.50	6.50	12.00	100.00
LADDIE. Light flesh pink.....	3.00	5.50	10.00	90.00
LENORA. White with pink variegation.....	2.00	3.25	6.00	50.00
LOCHINVAR. Seedling. Garnet with orchid edge. See description.....	7.00	13.00	25.00	....
LULU. Large orchid lavender.....	7.00	13.00	25.00	200.00
LUXURY. Scarlet. Fine in Spring.....	2.00	3.25	6.00	50.00
MAINE SUNSHINE. Clear yellow.....	2.00	3.25	6.00	50.00
MAVOURNEEN. Light pink.....	2.00	3.25	6.00	50.00
MAYTIME. Light pink.....	3.00	5.50	10.00	80.00
MELLOW PINK. Same color as Eleanor....	2.50	4.50	8.00	75.00
MINUET. Light pink. See description.....	4.50	8.00	15.00	....
MRS. C. B. JOHNSON. Seedling. Light salmon pink. See description.....	4.50	8.00	15.00	125.00
MY LOVE. Deep pink, selected stock.....	2.25	4.00	7.00	60.00

	25	50	100	1000
NEW DEAL WARD.....	\$1.75	\$3.00	\$5.00	\$45.00
NORTH STAR. Yellow.....	2.00	3.25	6.00	50.00
OCEAN SPRAY. Pure white.....	2.00	3.25	6.00	50.00
OLIVETTE. New white. See description.....	4.25	8.00	15.00	125.00
OPAL. Purple variegated; fine for dainty corsage work. Patented.....	3.50	6.25	12.00	100.00
ORANGE WONDER. Apricot color; sport of Golden Wonder.....	2.50	4.50	8.00	60.00
ORCHID BEAUTY. Pelargonium shading red-dish purple to mellow pink. Patented.....	5.00	9.50	17.50	150.00
PARAGON. Dark pink. See description.....	3.50	6.50	12.00	100.00
PATRICIAN. White.....	2.00	3.00	5.00	45.00
PETER FISHER. Medium pink.....	2.00	3.25	6.00	50.00
PHAROAH. Deep orange petals, red edge. 3½-4 in. flowers. See description.....	4.25	8.00	15.00	125.00
PINK ABUNDANCE. Medium pink.....	2.00	3.25	6.00	50.00
PINK TREASURE. Medium pink. Patented..	6.00	11.00	20.00	150.00
POTENTATE. Deep crimson purple.....	2.00	3.25	6.00	50.00
PURITAN. Pure white.....	2.00	3.25	6.00	50.00
REMEMBRANCE. Pleasing orchid. Patented.	6.00	11.00	20.00	150.00
RIGOLETTO. Dark ox-blood red.....	2.50	4.25	8.00	75.00
ROSALIE. Bright shade of medium pink. See description. Patented.....	6.00	11.00	20.00	150.00
ROYAL PURPLE. Patented.....	6.00	11.00	20.00	150.00
RUTH HENGSTENBERG. Light pink, like Virginia.....	6.00	11.00	20.00	150.00
SAGAMORE. New orange variegated.....	2.00	3.25	6.00	50.00
SCARLET MONARCH. Scarlet.....	2.00	3.25	6.00	50.00
SNOW WHITE. Large pure white; Dec. 1939.	4.50	8.00	15.00	125.00
SPECTRUM SUPREME. Scarlet.....	2.00	3.25	6.00	50.00
SPICY WHITE. White.....	2.00	3.25	6.00	50.00
TAMERLANE. Ward color. See description..	4.50	8.00	15.00	125.00
TOPSY. Large crimson.....	2.50	4.25	8.00	75.00
TRIUMPH. Light flesh pink.....	2.00	3.25	6.00	50.00
VIRGINIA. Light pink.....	2.00	3.25	6.00	50.00
VIRGINIA ROSE. Sport of Virginia. Rose pink. See description.....	4.50	8.00	15.00	125.00
WHITE DELIGHT. White.....	2.00	3.25	7.00	60.00
WHITE MY LOVE. Selected stock.....	2.00	3.25	7.00	60.00
WOBURN. Crimson.....	2.00	3.25	6.00	50.00
WORLD'S FAIR. Red with white variegation.	7.00	13.00	25.00	200.00
YELLOW GOLD. Patented.....	6.00	11.00	20.00	150.00
YORK BEAUTY. Medium pink. Patented. See description.....	4.25	8.00	15.00	125.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

NEW CARNATIONS FOR 1939—Continued

CLARK'S BEAUTY (Seedling). Developed by Howard Clark, Lancaster, Pa. Color glowing dark pink. Flowers fragrant, average $3\frac{1}{2}$ inches. Does not split; good keeper and sturdy stem.

DAINTY QUEEN (Seedling). Developed by Wm. Sim & Sons, No. Berwick, Maine. Color pink and white variegated. Size of flowers $3\frac{1}{2}$ inches, strong stem; makes a good strong plant.

DIRIGO (Seedling—not patented). Developed by Strout's Inc., Biddeford, Maine. Color clear deep pink, slightly darker than "Ward" and holds its color till Spring. Good long stem with $3\frac{1}{2}$ inch, well formed flowers. Good keeper and makes a good plant with very little grass.

GARNET BEAUTY (Seedling). Put on the market last year. Growers who bought are pleased because it is a clean, healthy grower. Color is glowing crimson and flowers $3\frac{1}{2}$ inches. It looks very promising.

GREATHEART (Seedling)—patented. Developed by the late Stephen E. Shaw. Greatheart is the largest flowering Ward color Carnation on the market. It is 4 inches and over and is fine for private trade and commercial growers who have a demand for very large blooms. It splits some, but you can now use our new Carnation bands and it will pay you to use them. Growers in Europe like Greatheart.

KATHRYN ELIZABETH (Seedling). Developed by Park Floral Company, Denver, Colo. Color about the same as C. W. Ward, a medium pink. Makes a good strong plant, fine stem with a well formed $3\frac{1}{2}$ inch flower and a fine keeper. Several shipments of flowers were made to us from Denver to New York and they kept in fine condition for seven to ten days. We sent a few cuttings for trial to some of our good customers in different sections of the country and Europe and have received very fine reports and orders for same.

LOCHINVAR (Seedling). A very beautiful novelty developed by Wm. Sim & Sons, North Berwick, Maine and introduced exclusively by us. Color, Garnet with orchid; a gentleman's Carnation for his lapel, as garnet crimson is the proper color. A clean grower, good stem, flowers $3\frac{1}{2}$ inches.

MINUET (Seedling). Light pink—a little lighter than Maytime but larger in size. From a number of trials sent out last year we have received very fine reports.

OLIVETTE (Seedling). Developed by Sim Carnation Co., Saugus, Mass. Color pure white. 3-in. bloom of exceptionally high quality. Very high, full center. Perfectly symmetrical. Will not split. Calyx has six prongs instead of usual five. Petals are serrated. Blooms early and continuously, and is a heavy producer. Stem is straight and strong. Excellent keeper and shipper. A great commercial variety. Fine, bushy plants. Produced this year, the finest first flowers we have ever cut from any white variety.

PARAGON (Seedling). A clear deep pink. In form it is a greatly improved My Love. Looks very promising.

PHAROAH (Seedling). Developed by Sim Carnation Co., Saugus, Mass. Color deep orange petals with red edges. Orange is much deeper than in Barbara Brigham and variegation is only on edges of petals. Blooms measure from $3\frac{1}{2}$ to $4\frac{1}{2}$ inches across. This is an exceptionally beautiful novelty which is very popular with the retailers. Fine stem, firm calyx, very large, heavy plants with broad foliage, clean and vigorous. A good producer and a splendid keeper.

ROSALIE (Seedling—patented). Developed by Baur-Steinkamp & Co., Indianapolis, Ind. from the same seed parent which produced Patrician and Pink Treasure. Rosalie looks good to us. The color is a bright shade of medium pink a little deeper and brighter than Betty Lou. Growth and flowers are very free making fine plants in the field. It does not split. Flowers are the same size as King Cardinal which is the best red to date. Rosalie is sold under letters permit, same as Pink Treasure. Purchasers will be granted permission to propagate all they wish to plant for their own needs. We recommend that you buy 100 or more cuttings this year. If you do so, you can buy 500 rooted cuttings next year at 10c. per cutting. Colored plates on request.

TAMERLANE (Seedling). Developed by Wm. Sim & Sons. We sent sample to about twenty growers for trial. Fine reports have come in from Denver and other sections. Two from Europe want to buy some so Mr. Sim decided to send some out in 100 lots only to introduce it. Color about the same as Mrs. C. W. Ward. Fine strong stem, well formed $3\frac{1}{2}$ inch flowers, good keeper, flowers freely and makes a good strong plant. We are sole distributors.

VIRGINIA ROSE (Sport of Virginia). Developed by Hingham Flower & Garden Co., Hingham, Mass. and introduced exclusively by us. Color a little lighter than Ward, a soft medium pleasing shade of pink that will blend in all kind of floral work and has no trace of Magenta. Flowers are the same size as Virginia with strong stems very free flowering and no splits. Reports from growers all over the country and Europe to whom we sent samples on trial are very good. Denver growers like it very much. Mr. Johnson bought the two original 6 inch pot plants from the Hingham Flower & Garden Co. Hingham, Mass. We show here a photo of the two plants and photostatic copy of Mr. Johnson's check for \$2,000.00 which he paid for these two plants. Virginia Rose, rooted cuttings, are grown for us exclusively by Mr. C. B. Johnson.

YORK BEAUTY (Seedling)—patented. Dandy X White Matchless. You may remember we put Dandy on the market about 15 years ago, a sport of Morning Glow and it made good. York Beauty was developed by Chas. A. Schaefer, York, Pa. and put on the market last year. We have booked some nice orders this year from growers in Europe and in this country. Color bright rose-pink, size $3\frac{1}{2}$ to $4\frac{1}{2}$ inches. Good stem and free flowering. We can furnish photos taken October 25th, 1938 showing how it looks; also colored plates on request.



TWO NEW VARIETIES FOR NEXT SEASON

For December 1939 and January and February 1940 we will offer:

MAYTIME, white. **MAYTIME**, dark pink.

Both these two varieties have same growing and general characteristics as original Maytime. Prices will be:

25....\$4.50 50....\$8.00 100....\$15.00

NEW CARNATION BANDS:

Made of pliable metal. Are easily attached and removed. Growers of large, flowering fancy varieties which are inclined to split find it pays to use them. Can be used several times.

500 bands.....\$3.50 1000 bands....\$6.25

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



ENGLISH CARNATIONS—1939 NOVELTIES

EVA. Large white variety of great merit. Awarded the Daily Mail Cup for the best scented Carnation. \$3.00 each.

LAURA. Flowers of medium size, ground color yellow striped with scarlet, pink and white; a very pretty combination of colors. An exceptional free flowering variety. \$3.00 each.

LEILA. Flowers of medium size, heavily fringed, of a cattaleya-mauve color; very free flowering. \$3.00 each.

OLIVE. Medium size flowers, white ground, picoteed and striped with crimson; free flowering. \$3.00 each.

ROSARY. An immense Dark Pink, measuring 4 inches and over, with beautiful symmetrically built guard petals and a high, full centered flower of good lasting qualities. Like its parent, Doris Allwood, it has the sweetest of perfumes, a wonderful calyx and long, erect stems. \$3.00 each.

SALMON LADDIE. Sport of Laddie, like its parent except in color, which is Salmon rose. Indispensable when flowers of the very highest quality are required. Quite distinct from any of the Laddie Sports. \$3.00 each.

SUSIE. A valuable addition to the mauve shades. Flowers 3 inches and over in diameter. Fringed, good shape; lasting qualities excellent. Vigorous growth and free flowering. \$3.00 each.

WESTWOOD. Large Salmon Rose Pink, with fringed petals. Vigorous, massive growth; free flowering. \$3.00 each.

WHITE DAIRYMAID. A Sport of Dairymaid, like its parent in every respect except in color. The flowers are large, pure white at all seasons of the year. We believe this variety will become one of the best commercial white Carnations grown. Very free flowering. Strong calyx. \$3.00 each.

ALLWOOD'S ENGLISH VARIETIES

Grown by Peter Beuerlein's Sons, Westwood, New Jersey

ACHIEVEMENT. A brilliant glowing Apricot, the finest and largest of its color ever raised. Very similar to the Laddie in size and bloom. A free and continuous bloomer, good keeper and shipper.

Prices for rooted cuttings: \$3.00 per dozen; \$20.00 per 100; \$150.00 per 1000.

ALLWOOD'S CRIMSON. A deep crimson variety of considerable merit. The flowers are very large and are carried on tall stately stems.

Prices for rooted cuttings: \$2.00 each.

DAIRYMAID. White ground, heavily striped pink, a charming coloring. The flowers are large, with rich perfume. A good keeper and a grand show variety.

Prices for rooted cuttings: \$2.00 per dozen; \$12.00 per 100; \$100.00 per 1000.

DIMITY. White variegated deep claret, more heavily towards the edge of the petals. A seedling from Eldora.

Prices for rooted cuttings: \$2.00 per dozen; \$12.00 per 100; \$100.00 per 1000.

DITCHLING. A rich luminous shade of dark pink, very free and healthy, long erect stems with perfect calyx.

Prices for rooted cuttings: \$2.00 per dozen; \$12.00 per 100; \$100.00 per 1000.

DORIS ALLWOOD. A soft salmon rose, heavily shaded French grey and barred heliotrope. Flower measures 4 inches and over. It is very fragrant.

Prices for rooted cuttings: \$2.00 each.

DUCHESS OF GLOUCESTER. Selected by Her Royal Highness from a group of seedlings to bear her name. Heather of Neapolitan pink, with a spicy fragrance.

Prices for rooted cuttings: \$2.00 each.

MARCHIONESS OF HEADFORT. Cream white melting into a ground color of rich red, of great substance. A most beautiful and impressive flower of the "Pelargonium" type.

Prices for rooted cuttings: \$2.00 each.

PELARGONIUM. A real novelty Carnation. White ground, blocked or overlaid on each petal, crimson maroon. A perfect replica of the old Pelargonium. The habit and growth, stem and calyx are good, with silvery foliage with a wonderful constitution. Size of flower 3 to 3½ inches and it is a good keeper.

Prices for rooted cuttings: \$4.50 per dozen; \$30.00 per 100; \$250.00 per 1000.

PURITY. Pure white, very fragrant. The flowers are very large, often measuring 4 inches in diameter, with high full centers.

Prices for rooted cuttings: \$2.00 per dozen; \$12.00 per 100; \$100.00 per 1000.

PURPLE PELARGONIUM. Rich claret tipped or paling to mauve at the edge of each petal, with a wonderfully sweet perfume.

Prices for rooted cuttings: \$1.00 each.

ROBERT ALLWOOD. A large vivid scarlet. Immense 4 inch flowers with high full centers.

Prices for rooted cuttings: \$2.00 per dozen; \$12.00 per 100; \$100.00 per 1000.

SCARLET PELARGONIUM. Perhaps the most pleasing colored of the Pelargonium family. Bright red edged creamy white.

Prices for rooted cuttings: \$2.00 each.

TANGERINE. A glorious shade of flame Apricot.

Prices for rooted cuttings: \$1.00 each.

WIVELSFIELD CLARET IMPROVED. We consider it by far the best variety in the Claret and purple shades and it is one of the best keeping Carnations we know of.

Prices for rooted cuttings: \$2.00 per dozen; \$12.00 per 100; \$100.00 per 1000.

WIVELSFIELD CRIMSON. An intense velvety crimson, beautifully shaped. The freedom of flowering is remarkable with strong, wiry stems and a calyx that rarely bursts. Size of flower averages 3½ inches and it is a good shipper and keeper.

Prices for rooted cuttings: \$3.00 per dozen; \$20.00 per 100; \$150.00 per 1000.

PLANTS AND ROOTED CUTTINGS

ABUTILON

	100	1000
SAVITZI, 2¼ in.	\$8.00	
SOUVENIR DE BONN, 2¼ in.	7.00	
THOMPSONI, 2¼ in.	7.00	

ACALYPHA

	100	1000
SANDERI (Chenille Plant), 2¼ in.	\$8.00	\$75.00

ACHYRANTHES

	100	1000
HERBSTILL. Red. R. C.	\$2.00	\$15.00
McNALLY. Yellow. R. C.	2.00	15.00

ADIANTUM

	100	1000
GRACILLIMUM, 2¼ in.	\$15.00	
3 in.	25.00	
CUNEATUM, 2¼ in.	15.00	
3 in.	25.00	
FARLEYENSE, 2 in.	25.00	
3 in.	40.00	
GLORIOSUM, 2 in.	25.00	
3 in.	40.00	
WRIGHTI, 2¼ in.	15.00	
3 in.	25.00	

AGERATUM

	100	1000
IRWIN'S PURPLE BEAUTY. Best Ageratum on the market. Particularly free flowering and low growing; also makes a grand pot plant. R. C.	\$1.75	\$15.00
2¼ in.	6.00	50.00
IRWIN'S NEW CUT FLOWER AGERATUM. A fine cut flower for Winter growing under glass. Grows to about 18-24 in. tall. 2¼ in. (only)	7.00	60.00
BLUE PERFECTION, R. C.	1.50	12.50
2¼ in.	5.00	45.00
CARDINAL MUNDELEIN, R. C.	1.75	15.00
2¼ in.	5.00	45.00
FRASERI, R. C.	1.50	12.50
2¼ in.	5.00	45.00
LAMROSE, R. C.	1.75	15.00
2¼ in.	6.00	50.00
RIVERSIDE, R. C.	1.50	14.00
2¼ in.	5.00	45.00
RIVERSIDE IMP., R. C.	2.00	18.00
2¼ in.	5.00	45.00
STELLA GURNEY, R. C.	1.75	15.00
2¼ in.	4.00	35.00
STULBS, R. C.	1.75	15.00
2¼ in.	4.00	35.00
STULBS IMP., R. C.	2.75	25.00
2 ¼ in.	7.00	60.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



ALOYSIA CITRIODORA

(Lemon Verbena)

2 1/4 in.	100	\$7.00
-----------	-----	--------

ALTERNANTHERA

AUREA NANA. Yellow, R. C.	100	1000
2 1/4 in.	\$2.00	\$15.00
2 1/4 in.	4.00	35.00
BRILLIANTISSIMA. Red, R. C.	2.00	15.00
2 1/4 in.	5.00	45.00
PARONCHOIDES. Red, 2 1/4 in.	4.00	35.00
ROSEA NANA. Autumn red. R. C.	2.00	15.00
2 1/2-3 in.	4.50	40.00
SEYBOLDI. Yellow. R. C.	2.00	15.00
2 1/2-3 in.	4.50	40.00

ALYSSUM

DOUBLE SWEET. R. C.	\$2.00	\$15.00
---------------------	--------	---------

AMPELOPSIS

VEITCHI. 2 1/4 in. pot.	\$7.00	\$65.00
2-yr.-old vine.	15.00	140.00

ANTHERICUM

VARIEGATED, 2 1/4 in.	100	1000
SOIL PLANTS.	\$3.00	\$75.00
	5.00	40.00

ANTIRRHINUM

See SNAPDRAGON

ARTEMISIA

SILVER KING, 2 1/4 in. pot.	\$8.00	\$75.00
(See PERENNIAL LIST for FIELD PLANTS)		

ASPARAGUS

PLUMOSUS. Seedlings.	\$1.25	\$10.00
2 1/4 in.	5.00	45.00
3 in.	10.00	....
SPRENGERI. Seedlings.	1.25	10.00
2 1/4 in.	5.00	45.00
3 in.	10.00	....

AZALEAS

SINGLE INDICA VARIETIES

Same type as Double Belgium Indica with single flowers, very attractive, well budded. The following flower January to February:

SALMON QUEEN. Light salmon.	ILLUMINATOR. Early, dark salmon.
PRES. CLAY. Flame brick red.	BRILLIANT. Deep pink compact.
PINK BEAUTY. Light pink.	CERISE. Beautiful cerise.
GEORGE FRANKE. Salmon pink with dark throat.	FORMOSA. Large deep lavender

The following well-budded Single Indica Midseason Varieties flower February and later:

PRIDE OF SOMERVILLE. Compact, light salmon.	PRINCE OF ORANGE. Deep orange-red.
MATI-GRAND. Large white.	COCCINEA. Large deep orange-red compact.
PRIDE OF DORKING. Brilliant large red.	

The following, well budded, Single Indica Late flower Easter and later:

PINK PEARL. Large, soft pink with deep throat.	GLORY OF SUNNINGHILL. Light red.
ALBA MACULATA. Large white	LATE SALMON. Light salmon.
LATE ORCHID. Light lavender.	

Prices on all the above, F.O.B. CHARLESTON, S. C.

6- TO 8-INCH HEADS

25 plants for.	\$11.00	250 plants at.	33c. each
50 plants for.	19.00	500 plants at.	32c. each
100 plants for.	35.00	1000 plants at.	30c. each

8- TO 10-INCH HEADS

Per doz.	\$ 7.50	50 plants for.	\$23.50
25 plants for.	\$12.50	100 or more at.	\$45.00

12- TO 15-INCH HEADS

Per doz.	\$11.00	50 plants for.	\$38.50
25 plants for.	20.00	100 plants for.	75.00

KURUME VARIETIES

Well Budded

CHERRY BLOSSOM. Shell pink.	MORNING GLOW. Brilliant deep rose.
CORAL BELLS. Soft salmon pink.	PINK PEARL. Soft shell pink.
DAYBREAK. Soft lavender pink.	SALMON BEAUTY. Salmon.
FIREFLY. Deep orange-red, tall.	SNOW. White.
MACRANTHA. Single pink.	SUN STAR. Light red, compact.
MACRANTHA. Double pink.	

6- TO 8-INCH—8- TO 10-INCH—12- TO 15-INCH HEADS

Price Same as Above

DOUBLE INDICA VARIETIES

Grown in New York area. Can be shipped out of Beetle Zone if order is placed well in advance. Delivery starts about October 1.

ECLAIREUR	PAUL SCHOME
ERNEST	THIERS
IDEAL	TRIUMPH
JEAN HAERENS	VAN DER CRUYSSSEN
MME. PETRICK	VERVAENEANA

All above available in the following sizes:

8-10 in., 10-12 in., 12-13 in., 13-14 in.—Prices on application

OTHER VARIETIES

In various sizes:

CHAS. ENCKE	HEXE	HINODEGIRI
-------------	------	------------

Prices on application

PERICAT HYBRIDS

The following are the advantages of the Pericat Hybrids. This is on the basis of over 20 years' experience by our grower.

- 1—Cuttings will make roots within four weeks in sand without the use of rooting stimulants.
- 2—Pericat Hybrids will grow fast into salable plants.
- 3—They are free flowering, producing a flower on each stem.
- 4—Will outlast any Azalea now on the market.
- 5—They are hardy if given some protection.

NAMED VARIETIES

ALPHONSE PERICAT. Deep salmon pink, small double flowers. If given 6 or 7 weeks forcing after maturing can be brought into bloom for Christmas. A wonderful variety for Valentine's Day.

MRS. PERICAT or MME. PERICAT. This variety is a double light pink and is being grown all over the country. It is a very good seller for Easter.

NINA PARADISO. Single light pink. A very nice pink for Easter.

CORNELIA VAN HERDEN. A very deep scarlet salmon with copper tints. It is wonderful for Easter or Mothers Day.

SALMON KING. This variety and C. Van Herden are considered the outstanding varieties for Mothers Day.

MRS. BABCOCK. Deep salmon. This variety is apart from all other salmon shades on the market. Medium late. Quantity limited.

SALMON PINK. A beautiful, deep salmon pink. Late.

PINK BEAUTY. Very large double pink. Very late.

WHITE. Single and double. Medium early. Not available until Fall, 1939.

Prices F. O. B. Philadelphia

Rooted Cuttings of Above.	\$8.00 per 100, \$75.00 per 1000
Rooted Cuttings—Mixed Colors, mostly Salmon—	\$7.00 per 100, \$60.00 per 1000

Can be brought into bloom in a 3- or 4-in. pot size in 15-18 months.

Will make a large pot plant in 2 years

2-in. Pot Plants, 10-12 Weeks Old:

Named Varieties.	\$10.00 per 100, \$90.00 per 1000
Mixed Colors—mostly Salmon.	\$8.00 per 100, \$75.00 per 1000

Cultural Directions with Each Order

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



New Double Begonia Lucille
(Patent applied for)

FLOWERING BEGONIAS STANDARD VARIETIES

Delivery—January to Spring

	25	100
CHATELAINE SUPREME. Pink. 2¼ in.	\$3.00	\$10.00
R. C.	1.00	2.50
CHATELAINE SUPREME. Red. 2¼ in.	2.50	8.00
R. C.	1.00	2.50
CHRISTMAS CHEER. 2¼ in.	1.75	5.00
CINCINNATI. 2¼ in.	6.00	20.00
3 in.	7.00	25.00
LADY MAC. 2¼ in.	6.00	20.00
3 in.	7.00	27.50
LUMINOSA. 2¼ in.	1.75	5.00
MARJORIE GIBBS. 2¼ in.	7.00	25.00
MELIOR. 2¼ in.	6.00	20.00
3 in.	7.00	27.50
NORBERG. Red. 2¼ in.	1.75	5.00
PRIMA DONNA. 2¼ in.	1.75	5.00
REX MIXED (12 greenhouse varieties). 2¼ in.	3.00	12.00
3 in.	6.00	20.00
VERNON. 2¼ in.	1.75	5.00

FANCY LEAF BEGONIAS

ARGENTEA GUTTATA. 2¼ in.	\$2.25	\$7.50
CORALLINA de LUCERNE. 2¼ in.	2.25	7.50
OTTO HACKER. 2¼ in.	2.25	7.50
PRES. CARNOT. 2¼ in.	2.25	7.50

BLEEDINGHEART ROOTS

See Page 23

BOUGAINVILLEA

	Doz.	100
CRIMSON LAKE. Red. 2¼ in.	\$2.00	\$12.00
SANDERIANA. Lavender. 2¼ in.	1.50	8.00
ZIECHMANNI. Orchid purple. 2¼ in.	1.50	10.00

BOUVARDIA

	100	1000
GIANT PINK. 2¼ in.	\$15.00	\$140.00
GIANT RED. 2¼ in.	15.00	140.00
GIANT WHITE. 2¼ in.	15.00	140.00
HUMBOLDTI. 2¼ in. Large white.	15.00	140.00

Delivery May and Later

BROWALLIA

	100
GIGANTIC BLUE. 2¼ in.	\$6.00
SPECIOSA MAJOR. Dark blue. 2¼ in.	12.00
SPECIOSA GRANDIFLORA ALBA. White. 2¼ in.	7.50

BEGONIAS

New Double Begonia LUCILLE

(Patent applied for)—Sport of Melior

Developed by Harold E. Traver, Woodbury, Conn.

Color an attractive red, shading to salmon red in center of flower. This plant was photographed Nov. 24, 1938, and grown from a rooted cutting potted January 1938.

Lucille makes a good strong plant 16 to 18 inches high with dark green leaves. Can be grown more easily in cooler greenhouse than other varieties and will stand harsher treatment.

Cuttings are easy to root. Plants begin to flower Oct. 1st showing no signs of disease. Finished plants can be grown with no trouble for Christmas sales.

**2¼-inch Pots—Ready May 1st and Later
50 and over, \$1.00 each**

Write for fuller particulars

Awarded Silver Medal at the New York Florists Club.
December 12, 1938

BUDDLEIA

NEW INTRODUCTIONS

	25	100
CONCORD. Long, slender spike, very graceful, 5 ft. high. Grape color with dark, blood-red eye, getting lighter to edge of bloom.	\$12.50	\$50.00
DUBONNET. Full, rounded spike. Strong, heavy stems; 4 ft. high. Vivid red.	12.50	50.00
ELEANOR. Short, stocky spike, full, rounded heads. Grows very stocky; 3 ft. Dark blue with orange eye.	12.50	50.00

STANDARD VARIETIES

ALTERNIFOLIA. White; hardy. 2 in.	\$ 3.00	\$10.00
ASIATICA. White, for forcing. 2¼ in.	2.25	7.00
CHARMING. Large lavender-pink trusses. 2 in.	5.00	18.00
3 in.	8.25	30.00
FORTUNE. Rose lavender (Pat.) 2½ in.	7.50	25.00
HARTWEGI. Rose lavender. 2¼ in.	4.25	15.00
SUPERBA. Light violet, rose tint. 2 in.	3.00	10.00
VARIABILIS MAGNIFICA. 2¼ in.	2.00	6.50

Spring Delivery

For FIELD-GROWN PLANTS—see page 15

CACTI—For Dish Work

	100	1000
IN ALL VARIETIES. 2¼ in.	\$7.00	\$65.00

(Send for our full list of SUCCULENTS)

CALCEOLARIAS

NEW VARIETIES

	—2¼ in.—	In.—
	25	100
PURE FLAME. Brilliant flame red.	\$6.00	\$20.00
VERMILION SUPREME. Sparkling vermilion red.	6.00	20.00

STANDARD VARIETIES

BARMY HYBRIDS.	\$2.50	\$ 8.00
EASTER GREETING. Mixed colors.	3.50	12.00
FELTHAM GLORY. Rust and mahogany shades.	3.00	10.00
GOLIATH. Largest flowers.	3.00	10.00
HYBRIDA.	3.00	10.00
LITTLE GEM.	4.00	15.00
PERFECT MODEL IMP. Large flowers; fine colors.	3.00	10.00
VALENTINE GREETING. Orange, yellow and red; very early.	3.50	12.00

MOTHER'S DAY VARIETIES

GOLDEN BRONZE. Asst.	\$5.50	\$20.00
GOLDEN GEM. Canary yellow, small flowers.	5.00	18.00
GOLDEN GLORY. Heavy clustered, tiny flowers.	5.00	18.00
PERFECTION. Strong, all colors.	5.00	18.00
PINK BEAUTY. Strawberry.	5.00	18.00
ROSACKERS BRILLIANT IMP. Lighter than Rosackers.	5.00	18.00
ROSACKERS BRILLIANT. Deep red.	5.00	18.00
ROYAL RED. Assorted reds.	5.50	20.00
SENSATION. Finest hybrid.	4.25	15.00
STEWARTI. Canary yellow.	5.00	18.00

Delivery September and Later

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

CALENDULAS

ORANGE. 2¼ in.	100	1000
YELLOW. 2¼ in.	\$3.50	\$30.00
	3.50	30.00

CAMELLIAS

5-IN. POT-GROWN—3-5 BUDS

Delivery October 1st and later

ALBA PLENA. White flowers Dec. 1-Feb. 1.	3-4 in. bloom
IMBRACATA RUBRA. Red. Dec. 1-Feb. 1.	3-4 in. bloom
PINK PERFECTION. Shell pink. Christmas-February.	2½ in. bloom
ROSE EMORY. Rosy pink. Easter.	2½-3 in. bloom
SARAH C. HASTIE. Rosy pink. Dec. 1-March.	4 in. bloom
All the above at \$2.00, \$2.50, \$3.00 per plant—F.O.B. Charleston	

CHERRIES

RED. 2¼ in.	100	1000
YELLOW. 2¼ in.	\$6.00	\$50.00
	6.00	50.00

CHRYSANTHEMUMS

Refer to Special MUM Catalogue

CINERARIAS

CREMER'S PRIZE STRAIN. 2¼ in.	100	1000
MULTIFLORA NANA. 2¼ in.	\$6.00	\$55.00
POTSDAM. 2¼ in.	6.00	55.00
STELLATA. 2¼ in.	6.00	55.00
SEMI-DWARF MIXED. 2¼ in.	6.00	55.00
SITER'S RAINBOW STRAIN. 2¼ in.	7.00	65.00

COLEUS

AMERICAN BEAUTY
ANNA PFITZER
BEAUTY OF CAROLINA
BEAUTY OF LYON
BECKWITH GEM
BIG TIM
BUTTERFLY
CAROLINA
CORAL
DEFIANCE
ELEANOR
ELIZABETH
ELLA CINDERS
FIREBRAND
FIREFLAME
GOLD BOUND
GOLDEN BEDDER
GREEN GODDESS
HELEN
HOLLYWOOD RED

HOLLYWOOD ROSE
IMPROVED HARDING
JOHN PFITZER
JOSEPH'S COAT
LORD PALMERSTONE
MARIAN
MASSEY
MESKERS
MISS MIAMI
PINK TRAILING QUEEN
PINK VERSCHAFFELT
QUEEN VICTORIA
RED TRAILING QUEEN
SALVADOR
SENSATION
SUN RAY
TRAILING QUEEN
VELVET
VERSCHAFFELT
WITCHCRAFT

All the above, Rooted Cuttings.....\$1.75 per 100, \$15.00 per 1000

BRILLIANCY. R. C.....\$3.50 per 100, \$27.50 per 1000

CRASSULA ARBORESCENS

(Jade Plant)

Unrooted, Rooted and Plants in All Sizes—Send for Special Prices

CROTONS

ASSORTED VARIETIES. Well-colored. 2¼ in.	100
3 in.	\$15.00
	25.00

CUPHEA

(Cigar Plant)

Rooted Cuttings.....	100	1000
2¼ in.	\$1.50	\$12.00
	4.00	35.00

CYCLAMEN—Binnewies Strain

Seedlings. December-April.	25	100	1000
Twice Transplanted, 3 to 5 leaves. January-May.	\$1.50	\$5.00	\$45.00
Twice Transplanted, 5 to 8 leaves. January-May.	2.25	7.00	60.00
2¼ in. Pots. April-August.	2.75	9.00	85.00
3 in. Pots. May-October.	3.50	12.00	100.00
4 in. Pots. June-December.	4.50	15.00	....
5 in. Pots. July-December.	8.75	30.00	....
6 in. Pots. August-December.	18.75	52.50	....
7 in. Pots. September-December.	25.00	75.00	....
	37.50	112.50	....

CYPERUS

(Umbrella Plant)

ALTERNIFOLIUS. A popular aquatic. 2¼ in.	100
	\$7.00

DAHLIAS

POPULAR VARIETIES—Clumps and Roots.....See page 23



Cyclamen—Pink

DAISIES

ADMIRAL BYRD. New double frilled Shasta Daisy (Chrysanthemum Maxima) . . . See Perennial List, page 15	100	1000
BLUE AGATHAEA COELESTIS. 2¼ in.	\$7.50	\$65.00
BOSTON YELLOW IMP. R. C.	4.00	35.00
2¼ in.	7.00	65.00
ELDER'S GIANT WHITE. 2¼ in.	10.00	75.00
NICHOLSON WHITE. R. C.	4.00	35.00
2¼ in.	7.00	65.00

Fall Delivery

DAPHNE CNEORUM

Regular Nursery Grade—Balled and Burlapped

5- 7 in. heads.....	10	100
6- 9 in. heads.....	\$3.50	\$30.00
9-12 in. heads.....	4.50	37.50
12-15 in. heads.....	6.00	55.00
	8.50	80.00

March Delivery

DELPHINIUM

PAPPAS CERTIFIED HYBRIDS. Selected cut flower strain. Grown in New Hampshire. Spring delivery.	100	1000
2¼ in.	\$3.50	\$30.00
3 in.	\$12.00	\$90.00
	15.00	120.00
200 seeds, \$1.00; 1000 seeds, \$5.00		

GIANT PACIFIC HYBRIDS. Extra choice mixed. 2 inch pot plants ready April 15. For illustration see page 18.

25, \$3.00 50, \$5.00 100, \$10.00

See PERENNIAL LIST—Page 15

DRACAENA INDIVISA

2¼ in. pots.....	\$5.00	\$45.00
3 in. pots.....	12.00	110.00

DUSTY-MILLER

SENECIO LEUCOSTACHYS. 2¼ in.	\$5.00	\$45.00
------------------------------	--------	---------

ECHEVERIA

Send for SUCCULENT LIST

ERICA

MELANTHERA WHITE (Heather).....	Prices on request
---------------------------------	-------------------

EUPHORBIA

JACQUINIAEFLORA. 2¼ in.	25	100
SPLENDENS. 2¼ in.	\$2.50	\$8.00
	2 50	8 00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

FERNS

TABLE FERN SEEDLINGS

July Delivery

ADIANTUM CUNEATUM	PTERIS VICTORIA
ASPIDIUM TSUSSIMENSE	PTERIS TREMULA
CYRTOMIUM COMPACTUM	PTERIS WILSONI
CYRTOMIUM FALCATUM	PTERIS RIVERTONIANA
GILBERTI	PTERIS WIMSETTI
PTERIS ADIANTOIDES	PTERIS ARGYREA
PTERIS MAYI	SERRULATA
PTERIS ALBO LINEATA	MIXED

Above varieties: Per flat, \$3.50; 5 flats or more, at \$3.25 per flat
 PTERIS HOLLY.....\$4.25 per flat; 5 flats or more at \$4.00 per flat
 2 1/4 in. Pots of the above varieties....\$7.00 per 100, \$60.00 per 1000
 3 in. Pots of the above varieties....18.00 per 100, 150.00 per 1000

OTHER VARIETIES

2 1/4 IN. POT PLANTS

	100	1000
BIRD'S NEST.....	\$27.50	.....
BOSTON.....	7.00	\$60.00
DWARF BOSTON.....	7.00	60.00
NORWOOD.....	10.00	90.00
ROOSEVELT.....	7.00	60.00
SCOTTI.....	7.00	60.00
SELAGINELLA (Moss).....	12.00	.....
SUPERBISSIMA (Fluffy Ruffles).....	12.00	.....
TEDDY JR.....	7.00	60.00
VERONA.....	7.00	60.00
WHITMANI.....	7.00	60.00

3 IN. POT PLANTS

DWARF BOSTON.....	\$17.50	.....
TEDDY JR.....	17.50	.....
SPORT OF TEDDY JR. DWARF.....	17.50	.....
WHITMANI.....	17.50	.....

4 IN. POT PLANTS

BIRD'S NEST.....	\$80.00	.....
CIBOTIUM SCHIEDEI.....	165.00	.....
DWARF BOSTON.....	30.00	.....
NORWOOD.....	40.00	.....
SCOTTI.....	30.00	.....
TEDDY JR.....	30.00	.....
VERONA.....	30.00	.....
WHITMANI.....	30.00	.....

FEVERFEW

	100	1000
LITTLE GEM. 2 1/4 in.....	\$5.00	\$45.00

FICUS ELASTICA

See RUBBER PLANTS

FORGET-ME-NOTS

	25	100
IRWIN'S GREENHOUSE FORCING. Ready Sept. 1.		
2 1/4 in.....	\$3.00	\$10.00

FUCHSIAS

	100	1000
IRWIN'S GIANT PINK. Best for Mothers Day. R. C.....	\$3.00	\$27.50
2 1/4 in.....	5.50	50.00
BLACK PRINCE. R. C.....	3.00	27.50
2 1/4 in.....	5.50	50.00
DOUBLE WHITE. R. C.....	3.00	27.50
2 1/4 in.....	5.50	50.00
LITTLE BEAUTY. R. C.....	3.50	30.00
2 1/4 in.....	6.00	55.00
LORD BYRON. R. C.....	3.50	30.00
2 1/4 in.....	6.00	55.00
PRIDE OF ORION. R. C.....	3.00	27.50
2 1/4 in.....	5.50	50.00
MIXED VARIETIES. R. C.....	3.00	27.50
2 1/4 in.....	5.50	50.00

GAILLARDIA

	25	100
GOLDEN GODDESS. New Everblooming. Height 24 in.		
Bushy plants. Spring plants come into full flower early		
June. Golden yellow flowers. 2 in. pot plants.....	\$4.50	\$16.00
SUN GOD, IMPROVED. Golden yellow. Resembles a		
well-grown Anemone Mum. 2 1/2 in. pot plants.....	4.00	15.00

GARDENIAS

NEW INTRODUCTIONS

	100	1000
PRIDE OF DAISY HILL. Heavy bloomer, easy to grow.		
2 1/4 in.....	\$30.00	.....
3 in.....	50.00	.....

OTHER LEADING VARIETIES

	Under 25	25-49	50-99	100 or more
	Each	Each	Each	Each
BELMONT. 3 in.....	\$0.75	\$0.60	\$0.50	\$0.40
4 in.....	1.00	.75	.60	.50
HADLEY. 2 1/4 in.....			100	1000
3 in.....			\$18.00	\$135.00
VEITCHI IMP. 2 1/4 in.....			25.00	175.00
3 in.....			12.00	100.00
4 in.....			17.50	150.00
			35.00	275.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

GENISTA

	25	100
MENTOR. Deepest yellow; fragrant. 3 in.....	\$4.50	\$15.00
4 in.....	7.00	25.00

GERANIUMS

	R. C.	—2 1/4	In.—
	1000	100	1000
BARNEY PINK.....	\$30.00	\$6.00	\$55.00
BARNEY RED.....	30.00	6.00	55.00
EDMOND BLANC.....	30.00	6.00	55.00
MME. BUCHNER.....	30.00	6.00	55.00
FIAT.....	35.00	6.50	60.00
FIAT ENCHANTRESS.....	40.00	8.00	75.00
FIAT RED.....	35.00	6.50	60.00
E. G. HILL.....	30.00	6.00	55.00
MME. LANDRY.....	30.00	6.00	55.00
S. A. NUTT.....	30.00	6.00	55.00
J. OBERLE.....	30.00	6.00	55.00
OLYMPIC RED.....	50.00	8.00	75.00
B. PRIESTLY.....	30.00	6.00	55.00
POITEVINE IMP.....	30.00	6.00	55.00
PRIDE OF CAMDEN.....	30.00	6.00	55.00
RADIO RED.....	30.00	6.00	55.00
ALPHONSE RICARD.....	30.00	6.00	55.00
SALMON SUPREME.....	.....	8.00	75.00
TENNY'S SCARLET.....	30.00	6.00	55.00
JEAN VIAUD.....	30.00	6.00	55.00
WHITE MADONNA.....	50.00	8.00	75.00
WHITE WONDER.....	80.00	15.00	150.00

PALMIER'S GERANIUMS

Originator's Stock

	—2 1/4	In.—
	100	1000
IMPROVED RICARD.....	\$7.00	\$65.00
SALMON SUPREME.....	8.00	75.00

250 of a variety at the 1000 rate

Rooted cuttings not always available. We recommend 2 1/4 in. pot plants for best results at all times.

GERBERA

VERY CHOICE STRAIN—All Mixed Colors except Last Item

	100	1000
Seedlings.....	\$1.50	\$10.00
Transplants.....	2.00	15.00
2 1/4 in. Pot-grown.....	6.00	50.00
1 yr. Clumps.....	30.00	300.00
1 yr. Divisions.....	15.00	150.00
2 yr. Divisions.....	22.50	225.00
Field-grown Single Divisions.....	15.00	140.00
Field-grown Plants. 2 eyes.....	7.00	65.00
Field-grown Plants. 3 eyes.....	12.00	110.00
Field-grown Plants. 3 eyes in separate colors: Pink,		
Coral, Red, Rose, Yellow, Orange.....	15.00	150.00

GYPSOPHILA

	100	1000
BODGERI. Grafted. 2 in.....	\$10.00	\$100.00
BRISTOL FAIRY. Grafted. 2 in.....	10.00	100.00
Grafted. 3 in.....	12.50	125.00
DOUBLE COLORADO TYPE. 2 in.....	15.00	150.00
ROSY VEIL. Grafted. 2 in.....	10.00	100.00

For FIELD PLANTS of the above—See page 16



Gypsophila Bodgeri



HELIOTROPE

	R. C.		2 1/4 In.	
	100	1000	100	1000
CENTEFLEUR. Dark sweet.....			\$7.00	\$60.00
ELSA. Giant dark blue.....	\$4.00	\$35.00		
FLO. NIGHTINGALE. Bright lavender.....			7.00	60.00
MME. BUSHINGER. Giant dark blue....	3.50	30.00	7.00	60.00
SNOW WREATH. Pure white; sweet.....			7.00	60.00
SWEET. Old-fashioned.....	2.00	18.00	6.00	50.00
TRUE ROYAL FRAGRANCE. Deep blue. 3.50	30.00	7.00	60.00	

HIBISCUS

	100
CHINESE PEACHBLOW. Double. 2 1/4 in. pots.....	\$7.50

HYDRANGEAS NEW VARIETIES

	E—Early	M—Midseason
M—REGULA. Large white		E—WESTPHALEN. Carmine
E—SONNENGRUSS. Rose		
Rooted Cuttings.....	\$50.00 per 100	
2 in. pot plants.....	\$65.00 per 100	

STRAFFORD

Color, clear deep glowing pink, does not fade. Strong grower of medium height with strong, heavy stem. Small, heavy, dark green foliage. Flowers very double and firm up to 10 inches in size.

Originated by Alfred M. Campbell, Strafford, Pa., who considers Strafford the best Hydrangea he has ever grown.

Color plate and full information on request.

Rooted Cuttings.....	\$25.00 per 100, \$250.00 per 1000
2 1/4-inch Plants.....	\$30.00 per 100, \$300.00 per 1000

RECENT INTRODUCTIONS

	R. C.	2 in.	3 in.
	100	100	100
"helen merritt" (Patented). Purchaser permitted unrestricted rooting for his own consumption and sale in bloom. Not granted privilege to root for sale to others for growing on or forcing. Colors: Natural, deep rose; Treated, hortense violet....	\$25.00	\$30.00	\$35.00
GUS. Wilt-resistant and stands much abuse. Free grower, forces readily, flowers medium.....	16.00	20.00	.....
E—ALTOONA. Clear pink.....	10.00	15.00	20.00
E—EUROPA. Salmon pink.....	10.00	15.00	20.00
E—HAMBURG. Carmine.....	10.00	15.00	20.00
E—KUNERT. Blues fine, rose pink.....	10.00	15.00	20.00
M—SCH. PERLE. Large pink, blues fine.....	10.00	15.00	20.00
M—MERVEILLE. Carmine rose, large flowers... 10.00	15.00	20.00	
M—ROSABELLE. Begonia rose, large flowers... 10.00	15.00	20.00	

STANDARD VARIETIES

E—CHAUTARD. Pink, easy forcer.....	\$ 5.00	\$ 8.00	\$12.00
E—E. G. HILL. Clear pink, blues easy.....	5.00	8.00	12.00
E—E. MOULLIERE. Best white.....	5.00	8.00	12.00
E—LORELEI. Carmine red.....	5.00	8.00	12.00
L—OTAKSA. The old reliable.....	5.00	8.00	12.00
M—RHEINGOLD. Brilliant pink.....	5.00	8.00	12.00
E—SPLENDENS. Glossy clear red.....	5.00	8.00	12.00
E—TROPHEE. Early red.....	5.00	8.00	12.00
M—GERTRUDE GLAHN. Dark rose or violet blue.....	5.00	8.00	12.00
M—GOLIATH. Truly a giant, blues fine.....	5.00	8.00	12.00
E—HELGE. Soft red.....	5.00	8.00	12.00
E—M. FOCH. Early deep carmine.....	5.00	8.00	12.00
E—NEIDERSACHSEN. Excellent for blue.....	5.00	8.00	12.00
L—PARSIFAL. Red fringed petals.....	5.00	8.00	12.00
E—DEUTSCHLAND. Sturdy salmon pink.....	5.00	8.00	12.00
E—M. BAARDSE. Salmon red.....	5.00	8.00	12.00
E—STEINMETZ. Excellent grower. Pink.....	5.00	8.00	12.00
E—AMI PASQUAAR. Best red.....	8.00	12.00	18.00
M—GISELHER. Dark carmine red.....	8.00	12.00	18.00
L—HOLLANDIA. Beautiful salmon red.....	8.00	12.00	18.00
L—LOUIS SAVAGE. Excellent dark pink.....	8.00	12.00	18.00
E—MEIN LIEBLING. Dark pink.....	8.00	12.00	18.00
M—WILKOMEN. Brilliant pink.....	8.00	12.00	18.00

E—Early; M—Midseason; L—Late

FALL DELIVERY—After October 1

	100
2 in.—1 flowering shoot.....	\$ 8.00
3 in.—1 flowering shoot.....	12.00
4 in.—2 flowering shoots.....	25.00
5 in.—3 to 5 flowering shoots.....	35.00
6 in.—5 to 8 flowering shoots.....	50.00
7 in.—8 or more flowering shoots.....	75.00
8 in.—10 or more flowering shoots.....	125.00

IMPATIENS

	100	1000
HOLSTI. Bright vermillion. 2 1/4 in.....	\$6.00	\$55.00
HOLSTI VARIEGATED. 2 1/4 in.....	6.00	55.00
PINK BEAUTY. Salmon pink, purple eye. 2 1/4 in.....	6.00	55.00
SULTANI. Bright red. 2 1/4 in.....	6.00	55.00

IRIS

GERMANICA.....	Write for prices
KAEMPFERI.....	Write for prices

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

IVY

	100	1000
ALBANY DWARF TREE. Fine for dish work. 2 1/4 in. 3 in.....	\$15.00	\$140.00
BOSTON (HARDY). See AMPELOPSIS.		
ENGLISH. November to Spring. R. C.....	2.00	13.50
5,000 lots.....		12.00
10,000 lots.....		10.00
GERMAN or PARLOR. R. C.....	2.00	15.00
2 1/4 in.....	3.50	35.00
GRAPE or VITIS RHOMBIFOLIA. 2 1/4 in.....	10.00	90.00
3 1/2 in.....	25.00	240.00
HAGENBURGER'S VARIEGATED. R. C.....	4.00	35.00
2 1/4 in.....	8.00	75.00
HAHN'S SELF BRANCHING. R. C.....	3.00	25.00
2 1/4 in.....	10.00	90.00
3 in.....	25.00	240.00
4 in.....	35.00	325.00
5 in.....	50.00	450.00
HEART-SHAPE LEAF. 2 1/4 in.....	7.00	60.00
JAPANESE MINIATURE. R. C.....	5.00	45.00
MERION BEAUTY (New). R. C.....	7.50	70.00
2 in.....	10.00	90.00
MINIATURE LEAF. R. C.....	3.00	25.00

KALANCHOE

	100	1000
GLOBULIFERA COCCINEA. 2 1/4 in.....	\$7.00	\$60.00

KUDZU-VINE

	100	1000
JACK-AND-THE-BEANSTALK. Most rapid growing vine known. 2 1/4 in.....	\$7.00	\$65.00



"helen merritt"

LANTANAS

NEW INTRODUCTIONS

	—2 1/4 In.—	1000
	100	
DWARF BUCKEYE. Color of Buckeye, shading to yellow.	\$7.00	\$65.00
GOLDEN KING. An improved Golden Queen; strong grower.....	7.00	65.00

STANDARD VARIETIES

ALBA PERFECTA. Pure white.....	\$6.00	\$55.00
AURORA. Pink and yellow.....	6.00	55.00
CAPRICE. Pink dwarf.....	6.00	55.00
COMTE DE BIENCOURT. Pink and yellow.....	6.00	55.00
CRAIGI. Dwarf red.....	6.00	55.00
DELICATISSIMA. Orange, shading to buff.....	6.00	55.00
DWARF BEAUTY. Yellow to pink.....	6.00	55.00
DWARF BRONZE. Similar to M. Schmidt.....	6.00	55.00
FRANCINE.....	6.00	55.00
GOLDEN QUEEN. A shade lighter than La Pleur d'Or...	6.00	55.00
GOLDEN PLUME. Gold to reddish bronze.....	6.00	55.00
JACOB SCHULTZ. The best red.....	6.00	55.00
LA PLEUR D'OR. Golden yellow.....	6.00	55.00
LEO DEX.....	6.00	55.00
MICHAEL SCHMIDT. Red, orange and yellow.....	6.00	55.00
RADIATION. Brilliant red, center orange yellow.....	6.00	55.00
SENSATION. Yellow to pink.....	6.00	55.00
SOUTHERN. Yellow and pink.....	6.00	55.00
TETHYS. Lemon yellow.....	6.00	55.00
WEeping. Lavender, drooping habit.....	6.00	55.00
ROOTED CUTTINGS, MIXED VARIETIES.....	3.00	25.00

LEMON-VERBENA

2 1/4 in. 100 \$7.00

MARIGOLD

100 1000

LIEB'S GIANT SINGLE (New). Very large single flowers; deep, velvety mahogany. Strong plants.....\$7.50 \$60.00
LIEB'S BROWN. With golden center. Strong plants.... 6.00 50.00
LIEB'S WINTER SUNSHINE. Deep orange yellow sport. Strong plants..... 8.00 65.00

Delivery October-March

MUMS

Refer to special MUM catalogue

MYRTLE—HARDY

100 1000

Strong Field Clumps.....\$4.00 \$30.00

NEPHTHYTIS

LIBERICA and PICTURATA. Send for our complete SUCCULENT list.

NIEREMBERGIA

100 1000

AZUREA. Blue. Fine for window boxes and hanging baskets. Everblooming, sky-blue, bell-shaped flowers. 2 1/4 in.\$8.00 \$75.00

OLEANDERS

100 1000

CRIMSON QUEEN. Double yellow. 2 1/4 in.....\$7.50 \$65.00
ROSEA. 2 1/4 in..... 7.50 65.00
LILIAN HENDERSON. 2 1/4 in..... 7.50 65.00

PACHYSANDRA TERMINALIS

(Ground Cover)

Rooted Cuttings.....\$4.50 \$40.00
2 1/4 in. pot plants..... 7.00 65.00

PANDANUS VEITCHI

6- 8 in., R. C.....\$5.00 \$45.00
10-14 in., R. C..... 6.00 50.00
15-18 in., R. C..... 7.00 65.00
2 1/2 in. pot plants.....30.00
3 in. pot plants.....45.00

PELARGONIUMS

AZALEA	LAVENDER QUEEN		
BEAUTIFUL	LUCY BECKER		
EARLIANA	MRS. LAYAL		
EASTER GREETING	ORCHID EDITH NORTH		
EDITH NORTH	PRIDE OF QUEDLINBURG		
GARDENER'S JOY	SPRINGTIME		
GERMAN GLORY	SUE JARRETT		
IDA HENLEY	SWABIAN MAID		
LAVENDER QUEDLINBURG	WURTEMBERGIA		
	All above:	25	100 1000
Rooted Cuttings.....		\$1.75	\$6.00 \$55.00
2 in.....		2.25	8.00 75.00
3 in.....		3.00	11.00 100.00
CHICAGO MARKET	KARMINKOENIGIN		
DIENER'S GIANT	MACKENSEN		
FAISS' TRIUMPH	MARIE VOGEL		
FRUEHLINGSZAUBER	NEUEIT C. FAISS		
GROSSMAMA FISCHER	ONKEL RICHTER		

OTOKAR SAMOHRD

	All above:	25	100 1000
Rooted Cuttings.....		\$2.25	\$8.00 \$75.00
2 in.....		2.75	10.00 90.00
3 in.....		3.50	13.00 120.00

DIENER'S VARIETIES

BEVERLY HILLS	PASADENA		
GIANT VENUS	PASO ROBLES		
GLENDALE	PIRU		
GOLETA	RUTH W. McAFEE		
MONTECITO	SAN DIEGO		
MRS. F. BACHLER	SANTA MONICA		
MRS. MARY BARD	VERA N. WATT		
	All above:	25	100 1000
Rooted Cuttings.....		\$2.25	\$8.00 \$75.00
2 in.....		2.75	10.00 90.00
3 in.....		3.50	13.00 120.00

MAID MARIAN	RUTH ELEANOR		
MAY QUEEN	SALMON SPRINGTIME		
	All above:	25	100 1000
Rooted Cuttings.....		\$3.25	\$12.00 \$100.00
2 in.....		4.00	15.00 125.00
3 in.....		4.75	18.00 150.00

For shipment in Neponset Paper Pots—add: 2 in., 35c. per 100,
3 in., 45c. per 100

PEPEROMIA

100 1000

OBTUSIFOLIA. 2 1/4 in.....\$8.00 \$75.00
SANDERSI (Watermelon Begonia). 2 1/2 in.....12.50 120.00
SILVER LEAF. 2 1/4 in.....20.00 175.00



Poinsettia (See page 13)

PERENNIALS

See page 15

PEROVSKIA

Doz. 100

ATRIPLICIFOLIA (Russian Sage). Grows 2 1/2-3 ft. long; silvery blue flowers; foliage silvery gray; fine for cutting. Gives a silvery smoky effect in the garden and is hardy.
2 1/2 in. pot plants.....\$3.50 \$20.00

PETUNIAS

DOUBLE

100 1000

CLARIMERE. New royal purple. R. C.....	\$5.00	\$45.00
2 1/4 in.....	7.00	60.00
LAVENDER. R. C.....	2.50	20.00
2 1/4 in.....	5.00	45.00
PINK. R. C.....	2.50	20.00
2 1/4 in.....	5.00	45.00
PUENTS PINK. R. C.....	2.50	20.00
2 1/4 in.....	5.00	45.00
PURPLE. R. C.....	2.50	20.00
2 1/4 in.....	5.00	45.00
ROSY MORN. R. C.....	2.50	20.00
2 1/4 in.....	5.00	45.00
TEMPLINI. Rose pink. R. C.....	4.00	35.00
2 1/4 in.....	6.00	55.00
VARIEGATED PURPLE AND WHITE. R. C.....	2.50	20.00
2 1/4 in.....	5.00	45.00
VICTORIOUS. R. C.....	4.00	35.00
2 1/4 in.....	6.00	55.00
WHITE. Giant white. R. C.....	2.50	20.00
2 1/4 in.....	5.00	45.00
WORLD BEAUTY. Carmine pink; dwarf. R. C.....	4.00	35.00
2 1/4 in.....	6.00	55.00
EXTRA CHOICE MIXED. R. C.....	2.50	20.00
2 1/4 in.....	5.00	45.00

SINGLE

ROSY MORN IMPROVED. 2 1/4 in.....	\$3.50	\$30.00
BALCONY WHITE. 2 1/4 in.....	3.50	30.00
BALCONY ROSE. 2 1/4 in.....	3.50	30.00
BALCONY RED. 2 1/4 in.....	3.50	30.00
BALCONY BLUE. 2 1/4 in.....	3.50	30.00
GIANTS OF CALIFORNIA. 2 1/4 in.....	3.50	30.00
RUFFLED GIANTS. 2 1/4 in.....	3.50	30.00
HOWARD'S STAR IMPROVED. 2 1/4 in.....	3.50	30.00
MIXED. 2 1/4 in.....	3.50	30.00

PHILODENDRONS

100 1000

CORDATUM. 2 1/4 in.....	\$10.00	\$90.00
POTHOS, VARIEGATED. 2 1/4 in.....	10.00	90.00

PLUMBAGO CAPENSIS

100

BLUE. 2 1/4 in.....	\$6.50
WHITE. 2 1/4 in.....	6.50

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



POINSETTIAS

STOCK PLANTS

Prices F.O.B. Jersey City, Boston, Philadelphia, Chicago, provided order is placed before March 15th

	Sizes: No. 1	No. 2	No. 3	No. 4
	100	100	100	100
BARBARA ECKE.....	\$50.00	\$35.00	\$25.00	\$15.00
HENRIETTE ECKE, IMPROVED.....	50.00	35.00	25.00	15.00
HENRIETTE ECKE, DOUBLE.....	50.00	35.00	25.00	15.00
MRS. PAUL ECKE.....	50.00	35.00	25.00	15.00
OAKLEAF.....	50.00	35.00	25.00	15.00
PINK.....	50.00	35.00	25.00	15.00
RUTH ECKE (Patented).....	50.00	35.00	25.00	15.00
ST. LOUIS.....	50.00	35.00	25.00	15.00
TRUE RED.....	50.00	35.00	25.00	15.00
WHITE.....	50.00	35.00	25.00	15.00

Select Oversized Plants—\$60.00 per 100
Small, 1-year,-old Plants—\$10.00 per 100

2 1/4-INCH POT PLANTS

	100	1000
BARBARA ECKE.....	\$8.00	\$75.00
HOLLYWOOD.....	10.00	90.00
MRS. PAUL ECKE.....	10.00	90.00
OAKLEAF.....	8.00	75.00
PINK.....	8.00	75.00
RUTH ECKE.....	10.00	90.00
ST. LOUIS.....	8.00	75.00
WHITE.....	8.00	75.00

Delivery on 2 1/4 in. Pot Plants, July and later

PRIMULA

PRIMULA OBCONICA

ALBA	FASBENDER	SALMONEA
APPLE BLOSSOM	FRIESDORFER	SALMON QUEEN
COERULEA	MOHNSTEIN	VIOLACEA
	MUELLER ROSEA	

PRIMULA CHINENSIS

DEFIANCE	MORNING DAWN	SEDINA
LA DUCHESSE	HENRY BLUE	

PRIMULA MALACOIDES

ALBA	NEW BABY
ATROSANGUINEA (New)	SALMON BEAUTY
ERIKSSONI	WONDER BABY

All of the above, 2 1/4 in., \$6.00 per 100, \$55.00 per 1000
Delivery June, July and August

ROSES

Florists' XXX Forcing Grade

BABY RAMBLERS

BABY RAMBLER	GOLDEN SALMON
EDITH CAVELL	IDEAL
ELSE POULSEN	RED ORLEANS
ERNA TESCHENDORFF	TRIOMPHE DE ORLEANS
GLORIA MUNDI	VERDUN

MAGNA CHARTA (H.P.)

All of the above at \$30.00 per 100
Delivery late November and early December
Let Us Quote You on XX and No. 1 Grades

CLIMBING RAMBLER ROSES

XXX Grade for Forcing

CRIMSON RAMBLER. Crimson.....	} @ \$30.00
DOROTHY PERKINS. Rosy pink clusters.....	
EXCELSA. Scarlet crimson.....	
MARIE GOCHAULT. Clear red.....	
EUGENE JACQUET. Double cherry red.....	
PAUL'S SCARLET. Blazing red.....	
ROSAIRE. Soft pink.....	
TAUSENDSCHON. Rose pink, white center.....	per 100

ROSA ROULETTI

BABY ROCK GARDEN ROSE. Double dark pink flowers; everblooming. Hardy in the North. Grows 8-12 in. tall. Out of 2 1/2 in. pots. 25 plants, \$3.50; 50 plants, \$6.50; 100 plants, \$12.50.

RUBBER PLANTS

	100	1000
MOSS ROOTED CUTTINGS. Ready to pot in 4- or 5 in. pots.....	\$12.00	\$110.00
DOESCHERI, NEW VARIEGATED. Strong rooted layers ready from Fall till Spring. Ready for 4 to 5 in. pots.....	18.00	165.00

SAINTPAULIAS

	100
BLUE BOY. 2 1/4 in.....	\$15.00
SAILOR BOY. 2 1/4 in.....	15.00
IONANTHA. 2 1/4 in.....	15.00

ROSES

Field-grown, 2-Year-Old HYBRID TEAS

BETTY UPRICHARD. Salmon-pink to carmine.....	} @ \$30.00 per 100
BRIARCLIFF. Deep rosy-pink.....	
DAME EDITH HELEN. Pure pink.....	
DOUBLE WHITE KILLARNEY. Snowy white.....	
DUCHESSE OF WELLINGTON. Pale buff.....	
E. G. HILL. Dazzling scarlet, huge size.....	
ETOILE DE FRANCE. Dark velvety rose red.....	
ETOILE DE HOLLANDE. Bright red.....	
GOLDEN DAWN. Sunflower yellow.....	
GOLDEN OPHELIA. Golden yellow.....	
GRUSS AN TEPLITZ. Dark velvety scarlet.....	
JOANNA HILL. Dark yellow.....	
KAISERIN AUGUSTA VICTORIA. Fine white.....	
KILLARNEY. Bright pink.....	
KILLARNEY BRILLIANT. Brilliant pink.....	
LA FRANCE. Silvery pink.....	
LADY HILLINGDON. Deep apricot yellow.....	
MME. BUTTERFLY. Delicate pink tinted with gold.....	
MME. CAROLINE TESTOUT. Bright satiny rose pink.....	
PRES. HERBERT HOOVER. Maroon orange and gold.....	
RADIANCE. Fine pink.....	
RAPTURE. Pink, long-stemmed.....	
RED RADIANCE. Clear red.....	
REV. F. PAGE-ROBERTS. Golden yellow.....	
SOUV. DE CLAUDIUS PERNET. Pure yellow.....	
TALISMAN. Red and gold.....	

HYBRID PERPETUALS

FRAU KARL DRUSCHKI. Snow white.....	} @ \$30.00 per 100
GENERAL JACQUEMINOT. Brilliant red.....	
MAGNA CHARTA. Bright pink.....	
MRS. JOHN LAING. Soft pink.....	
PAUL NEYRON. Mammoth clear pink.....	
SOLEIL D'OR. Gold orange.....	} @ \$30.00 per 100
ULRICH BRUNNER. Cherry red.....	

CLIMBERS

AMERICAN BEAUTY. Deep rose pink.....	} @ \$30.00 per 100
BETTY UPRICHARD. Salmon pink.....	
KAISERIN AUGUSTA VICTORIA. White.....	
LUXEMBOURG. Golden yellow.....	
MAMAN COCHET. Pale pink, yellow base.....	
PRESIDENT HERBERT HOOVER. Maroon, orange and gold.....	
RADIANCE. Cameo pink.....	
RED RADIANCE. Brilliant red.....	
SOUV. DE CLAUDIUS PERNET. Deep yellow.....	
TALISMAN. Red and gold.....	
CRIMSON RAMBLER. Crimson.....	
DOROTHY PERKINS. Rosy pink clusters.....	
DR. W. VAN FLEET. Pale pink.....	
EXCELSA. Scarlet crimson.....	
FLOWER OF FAIRFIELD. Everblooming crimson.....	
GARDENIA. Nankeen yellow.....	
MARY WALLACE. Warm rose pink.....	
PAUL'S SCARLET. Blazing red.....	
SILVER MOON. White, streaked yellow.....	
TAUSENDSCHON. Rose pink, white center.....	
WHITE DOROTHY PERKINS. White.....	
YELLOW RAMBLER. Straw color to white.....	

GRAFTED ROSES FOR FORCING

2 1/4-INCH POT PLANTS

AUTUMN	R. M. S. QUEEN MARY
BETTER TIMES (Patented)	RAPTURE
BRIARCLIFF	RED BETTER TIMES (Patent pending)
CECILE BRUNNER	SIGNET
CHIEFTAIN (Patented)	SOUVENIR (Patented)
GOLDEN CHARM	SUN GLOW
GOLDEN RAPTURE	SUNKIST
GRAND CANARY	TALISMAN
HAPPY DAYS	TOKEN
HOLLYWOOD	WHITE KILLARNEY
LESTRA HIBBERD (Patented)	YELLOW GLORIA
MRS. FINCH	YELLOW JOANNA HILL (Patented)
PEERLESS	
PINK BEAUTY	
PINK DELIGHT	

Most varieties at \$30.00 per 100
Patented varieties—write for prices

SALVIA

	100	1000
BONFIRE. R. C.....	\$1.75	\$15.00
AMERICA. Dwarf. 2 1/4 in.....	4.00	35.00

SANSEVIERIA

Send for complete SUCCULENT LIST

SANTOLINAS

	100	1000
Rooted Cuttings.....	\$2.50	\$20.00
2 1/4 in. pot plants.....	6.00	55.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



SMILAX

2 1/4 in. pot plants.....\$5.00

SNAPDRAGONS

AFTERGLOW	MILADY
CAPTOR	MISS WOOSTER
CEYLON COURT	RADIANCE
CEYLON COURT DARK	ROSE QUEEN
CHEVIOT MAID SUPREME	SCHROCK'S ORCHID
COATES YELLOW PERFECTION	SUN TAN
DAYBREAK	TERRY'S SURPRISE
GLORIOUS	VELVET BEAUTY
GOLDEN MARION	WHITE CHEVIOT MAID
LUCKY STRIKE	WHITE MARION
MARIE LOUISE	WHITE WONDER
WINDMILLER'S CHEVIOT MAID SUPREME	

All of the above, 2 1/4 in., \$4.00 per 100, \$35.00 per 1000

LATHROP'S DOUBLE PINK (New) 2 1/4 in., 25, \$5.00; 100, \$15.00
Delivery August and later

SPIREA CLUMPS

See page 29

STEVIA

SINGLE. R. C.	100	1000
DOUBLE. R. C.	2.50	20.00
HALF DWARF. R. C.	2.50	20.00
VARIEGATED. R. C.	2.50	20.00

SUCCULENTS

Send for complete list with descriptions and prices

SWAINSONIA

GALEGIFOLIA ALBA. R. C.	100	1000
2 1/4 in.	\$2.50	\$22.50
3 in.	8.00	75.00
	12.00	110.00

Delivery October and later

TRADESCANTIA

(Wandering-jew)

TRICOLOR RED. R. C.	100	1000
WHITE AND GREEN. R. C.	\$1.50	\$12.50
PLAIN GREEN. R. C.	1.50	12.50

VERBENAS

	R. C.	—2 1/4 In.—	100	1000
BEAUTY OF OXFORD. Cerise	\$2.50	\$20.00	\$5.50	\$50.00
BEAUTY OF OXFORD. Lavender	2.50	20.00	5.50	50.00
BEAUTY OF OXFORD. Pink	2.50	20.00	5.50	50.00
BEAUTY OF OXFORD. Scarlet	2.50	20.00	5.50	50.00
COMET. Solid crimson red	2.50	20.00	5.50	50.00
HELEN WILLMOTT IMP. Salmon	2.50	20.00	5.50	50.00
LAVENDER GLORY	2.50	20.00	5.50	50.00
MAYFLOWER. Light pink	2.50	20.00	5.50	50.00
PURPLE PRINCE. Solid purple, no eye	2.50	20.00	5.50	50.00
ROSE	2.50	20.00	5.50	50.00
ROYAL PURPLE. Purple with eye	2.50	20.00	5.50	50.00
SCARLET KING. Bright red	2.50	20.00	5.50	50.00
SCHLOSSER'S PRIDE. Dark red	2.50	20.00	5.50	50.00
WHITE. Pure white	2.50	20.00	5.50	50.00
BUCKLEY'S ORCHID. R. C.	3.50	32.50	7.00	65.00

VINCAS

Well variegated.	100	1000
Rooted Cuttings	\$1.75	\$15.00
Rooted Layers	2.00	17.50
2 1/4 in. pot plants	6.00	55.00
Field Clumps	7.00	60.00

VIOLETS

DOUBLE RUSSIAN. 2 in.	100	1000
	\$12.00	\$100.00

VITIS RHOMBIFOLIA

See IVY—Page 11

SEEDLINGS AND TRANSPLANTS

Delivery—January and Later

TRANSPLANTS, unless otherwise noted: \$1.50 per 100, \$12.00 per 1000

	Seedlings	100	1000
PETUNIAS, All Double Dwarf and World Beauty.			
Strong seedlings	\$2.00	\$15.00	
Transplanted plants	2.50	20.00	
Double 75 Per Cent—balance Dwarf Heavy Frilled.			
Seedlings	1.50	12.50	
Transplants	2.00	18.00	
Dwarf California Giant. Seedlings	1.35	10.00	
Transplants	2.00	15.00	
Diener's Giant Blue. Seedlings	1.35	10.00	
Transplants	2.00	15.00	
Pink Glory. Seedlings	1.35	10.00	
Transplants	2.00	15.00	
Elk's Pride. Seedlings	1.35	10.00	
Transplants	2.00	15.00	
White Beauty. Seedlings	1.35	10.00	
Transplants	2.00	15.00	
Ball's Dwarf Fringed. Seedlings	1.35	10.00	
Transplants	2.00	15.00	
Rosy Morn. Seedlings	.85	6.00	
Transplants	1.35	12.00	
Celestial Rose. Seedlings	.85	6.00	
Transplants	1.35	12.00	
Heavenly Blue. Seedlings	.85	6.00	
Transplants	1.35	12.00	
Snowball. Seedlings	.85	6.00	
Transplants	1.35	12.00	
Balcony Blue. Seedlings	.85	6.00	
Transplants	1.35	12.00	
Balcony White. Seedlings	.85	6.00	
Transplants	1.35	12.00	
Dwarf Blue Bedder. Seedlings	.85	6.00	
Transplants	1.35	12.00	
AGERATUM, Dwarf Blue Star	.85	6.00	
ALYSSUM, Dwarf Gem	.60	4.50	
AMARANTHUS (Joseph's Coat)	.85	6.00	
ASPARAGUS plumosus (Seedlings only)	1.35	12.00	
Sprenger (Seedlings only)	1.35	12.00	
ASTERS, WILT-RESISTANT: Queen of the Market	.85	6.00	
Royal	.85	6.00	
Ball's Late Branching	.85	6.00	
Golden Sheaf (Finest of all yellow Asters)	.85	6.00	
BEGONIA, Prima Donna (transplanted only)	1.75	12.50	
Luminosa (transplanted only)	1.75	12.50	
CALENDULA, Sensation	.85	6.00	
Ball's Gold and Orange	.85	6.00	
CANDYTUFT, Empress Giant	.85	6.00	
CELOSIA childsi	.85	6.00	
CHRISTMAS PEPPERS (Seedlings only)	.85	6.00	

	Seedlings	100	1000
CLEVELAND CHERRIES (Seedlings only)	\$0.85	\$6.00	
COBAEA scandens (Seedlings only)	1.00	8.00	
CORNFLOWER, Double Blue Seedlings	.85	6.00	
COSMOS, Pinkie. Giant new early (Seedlings only)	1.35	12.00	
DIDISCUS (Blue Laceflower) (Seedlings only)	.85	6.00	
DRACAENA indivisa	.85	6.00	
DUSTY-MILLER (Gymnocarpa)	.85	6.00	
GERBERA, Diener's Giant Hybrid. Seedlings	1.35	12.00	
Transplanted	1.75	15.00	
GOMPHRENA, Dwarf Red. Fine for a border	.85	6.00	
LARKSPUR, Double Pink	.85	6.00	
Double Blue	.85	6.00	
Double White	.85	6.00	
LOBELIA, Crystal Palace	.85	6.00	
Trailing	.85	6.00	
LUPINUS Hartwegi, Giant Pink. Seedlings	.85	6.00	
Hartwegi, Giant White. Seedlings	.85	6.00	
Hartwegi, Giant Blue. Seedlings	.85	6.00	
Fine for cut flowers (no transplants)			
MARIGOLDS (For Potting): Harmony	.85	6.00	
Legion of Honor	.85	6.00	
Guinea Gold	.85	6.00	
Royal Scott	.85	6.00	
Double Orange	.85	6.00	
Double Gold	.85	6.00	
PHLOX drummondii	.85	6.00	
Cecily	.85	6.00	
SALVIA, Bonfire	.85	6.00	
SALPIGLOSSIS	.85	6.00	
SCABIOSA	.85	6.00	
SNAPDRAGONS, Finest Mixed. Rustproof	1.00	8.00	
STATICE suworowi. Transplanted only	1.35	10.00	
THUNBERGIA (Black-eyed-susan). Seedlings only	1.00	8.50	
TORENIA fournieri	.85	6.00	
VERBENA, Beauty of Oxford	.85	6.00	
Lavender Beauty	.85	6.00	
Royal Bouquet	.85	6.00	
Cerise Queen	.85	6.00	
Fire Ball	.85	6.00	
Vaughan's Giant	.85	6.00	
Mixed	.85	6.00	
VINCA rosea	.85	6.00	
Alba	.85	6.00	
ZINNIA, Giant Dahlia-flowering: Crimson Monarch	.85	6.00	
Exquisite	.85	6.00	
Golden Medal	.85	6.00	
Lilliput	.85	6.00	
Fantasy	.85	6.00	

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



PERENNIALS—Outstanding Cut Flower Varieties

Where size is not specified, Field Plants will be shipped

	25	100
ACHILLEA, PERRY'S WHITE.....	\$2.25	\$ 7.00
ACHILLEA, THE PEARL.....	2.25	7.00
ANEMONE JAPONICA (Japanese Windflower).		
ALICE. 2 in. pots.....	3.00	10.00
ALBA. 2 in. pots.....	3.00	10.00
HUPEHENSIS. 2 in. pots.....	3.00	10.00
QUEEN CHARLOTTE. 2 in. pots.....	3.00	10.00
RUBRA. 2 in. pots.....	3.00	10.00
SEPTEMBER CHARM. 2 in. pots.....	3.00	10.00
ANTHEMIS TINCTORIA, NEW HYBRIDS.....	3.00	10.00
AQUILEGIA, BEE'S HYBRIDS.....	3.00	10.00
AQUILEGIA, MRS. SCOTT ELLIOTT'S HYBRIDS...	3.00	10.00
ARMERIA, BEE'S RUBY. June flower beds offer nothing more striking. This Armeria grows to a height of 18 to 24 in. On the tip of each stem are produced bright red flowers about 2 in. in diameter. In addition to garden value, the flowers are also very attractive in floral designs. For Spring. Well established 3 in. pots.....	3.00	10.00
For Forcing. Strong, selected, field-grown clumps.....	4.50	15.00
ARMERIA, GLORY OF HOLLAND. While Bee's Ruby is bright red, this variety is a good clear pink, making an ideal companion for the preceding. Flowers are about the same size. For vases or floral baskets these two varieties are very valuable. We recommend that you make a planting, of both. For Spring. Well established, 3 in. pots.....	3.00	10.00
For Forcing. Strong, selected, field-grown clumps.....	4.50	15.00
ARMERIA CEPHALOTES RUBRA.....	3.00	10.00
ARTEMISIA GLOBIFOLIA.....	3.00	10.00
ARTEMISIA LACTIFLORA.....	2.50	8.00
ARTEMISIA, SILVER KING.....	2.50	8.00
ASTER FRIKARTI (Wonder of Stafa). Lavender-blue flowers from 2 to 2½ in. across, bloom from June 1st until the middle of November. Does exceedingly well in light shade and comes to perfection in full sun. A constant rich display of flowers is kept up the entire Summer. Flowers are excellent for cutting. Well established, 2 in. pots.....	4.50	15.00
ASTER, STAR OF WARTBURG. In a planting of perennials, this Aster stands out by itself. In May and June it produces large lilac blue flowers with a striking orange center on 12 to 14 in. stems. Very valuable for cutting and wonderful keepers. Just recently it has been tried out for forcing and has proved to be a real profit provider during the Winter months. For forcing purposes we will ship from December 1st on frost cured clumps ready for benching. Strong, field-grown plants.....	3.00	10.00
For Spring. Well established, 2 in. pots.....	2.50	8.00
ASTERS, NEW DWARF HYBRID BORDER. Bloom early part of August until frost. Early Spring delivery.		
CONSTANCE. Clear light pink.....	2.50	10.00
COUNTESS OF DUDLEY. Clear pink, yellow eye.....	2.50	10.00
LADY HENRY MADDOCKS. Clear pale pink.....	2.50	10.00
LAVANDA. Attractive light blue.....	2.50	10.00
LILAC TIME. Deep violet-blue.....	2.50	10.00
MARJORIE. Bright pink.....	2.50	10.00
NANCY. Pale flesh pink.....	2.50	10.00
NIOBE. Pure white, yellow centers.....	2.50	10.00
RONALD. Bright lilac-pink.....	2.50	10.00
SNOWDRIFT. Large snow-white flowers.....	2.50	10.00
VICTOR. Clear lavender-blue.....	2.50	10.00
BUDDLEIA, CHARMING. New lavender-pink. Makes beautiful, bushy plant. Height 5 to 6 ft. and about same spread. Flowers large and make a solid round head opening full length. Blends beautifully with light blue Delphiniums or practically all seasonable flowers. Entirely different from any other varieties. Strong, established 2 in. pot plants.....	4.50	15.00
Strong, 2-yr. field-grown plants.....	16.00	50.00
BUDDLEIA "FORTUNE" (Patent No. 206). Habit very neat, about 4 ft. high and 4 ft. across. Foliage is deep, leathery, dark green, flower is pure lilac and is produced throughout the entire Summer and Autumn. Flowers last in water several days and blend well with other flowers. Strong, established 2½ in. pot plants.....	7.50	25.00
BUDDLEIA, ILE DE FRANCE. This is still the deepest colored, worth-while Buddleia. For brilliance of color, grace of its flower spikes and uniform habit of growth, this Buddleia is still one of the most popular. The plants develop into well branched, symmetrical bushes 3-4 ft. high; the individual flower spikes often measure 10 in. in length; color is a brilliant, rosy purple with a violet suffusion. Their fragrance adds another feature to their beauty. Strong, 2-yr. field-grown plants.....	4.50	15.00
Well established, 2 in. pot plants.....	3.00	10.00

	25	100
BUDDLEIA HARTWEGI. The large, bright lavender panicles have remarkable substance and harmonize in arrangement with other Summer flowers. The flowers do not "sunburn." The tip flowers on the panicle open before the basal flowers have faded. The individual flowers are closely spaced on the panicles, imparting a compact and pleasing appearance. The foliage is very heavy and is rich dark green. Strong, established 2 in. pot plants.....	\$3.50	\$12.00
Strong, 2 yr. field-grown plants.....	7.50	25.00
BUDDLEIA SUPERBA. Fine, exceptionally large, graceful flower spikes of good form, often 14 to 18 in. in length; Color light violet with a rose tint. Strong, established 2 in. pot plants.....	3.00	10.00
Strong, 2-yr. field-grown plants.....	4.50	15.00
CAMPANULA MEDIA, BLUE, ROSE and WHITE.....	2.00	6.00
CARNATION, IMPROVED CRIMSON KING. 2 in. pots.	3.00	10.00
CHEIRANTHUS ALLIONI.....	2.25	7.00
COREOPSIS AURICULATA SUPERBA.....	2.25	7.00
COREOPSIS LANCEOLATA GRANDIFLORA.....	2.25	7.00
DAISY, ADMIRAL BYRD. A wonderful novelty for Spring delivery. New double frilled Shasta Daisy (Chrysanthemum Maximum). Flowers 5 to 6 in. Pure white with rich golden yellow center. Flowers two weeks later than Shasta Daisy. An excellent cut flower, lasting two to three weeks. Hardy. 2½ in. plants.....	4.50	15.00
DAISY, DOUBLE WHITE SWAN. Pure white, double flowers on strong, wiry stems, 24 to 30 in. in length; in bloom for Memorial Day. It is unquestionably the best double variety for florists cut flower purposes in existence today. For best results we recommend early Spring planting. Strong, field-grown plants.....	3.50	12.00
For Forcing. Strong, selected field-grown clumps.....	4.50	15.00
SHASTA DAISY, ALASKA.....	2.25	7.00
EARLY ELDER DAISY.....	2.25	7.00
DAISY ETOILE D'OR.....	3.00	10.00
DELPHINIUM BELLADONNA. The most continuous blooming of all, never being out of bloom from June 1st until cut down by hard frost. The clear turquoise blue of its flowers is not equaled for delicacy and beauty by any other flowers. 2 yr., field-grown, for forcing.....	3.00	10.00
1 yr., field-grown, for forcing.....	2.50	8.00
1 yr., field-grown, suitable for outdoor planting for cut flower purposes.....	2.25	7.00
DELPHINIUM BELLAMOSUM. This is a dark blue form of the popular light blue Belladonna, with which it is identical in habit and growth, freedom of bloom, but with intensely rich, deep blue flowers. 2 yr., field-grown, for forcing.....	2.50	10.00
1 yr., field-grown, for forcing.....	2.50	8.00
1 yr., field-grown, suitable for outdoor planting for cut flower purposes.....	2.25	7.00
DELPHINIUM BLACKMORE & LANGDON HYBRIDS. Still considered the leading strain of Hybrids by critical growers. Provides a range of colors well divided in the pale shades of indigo with a strong run of the most delicate shades of rose, double and single. 2 yr., field-grown, for forcing.....	4.50	15.00
1 yr., field-grown, for forcing.....	3.00	10.00
1 yr., field-grown, suitable for outdoor planting for cut flower purposes.....	2.50	10.00
DELPHINIUM, ICEBERG. Good, sturdy white Delphinium growing to a height of 5 to 6 ft. The flower spikes are often 3 ft., towering well above the glossy green foliage. 2 yr., field-grown, for forcing.....	4.50	15.00
1 yr., field-grown, for forcing.....	3.00	10.00
1 yr., field-grown, suitable for outdoor planting for cut flower purposes.....	3.00	10.00
DELPHINIUM, PAPPAS SELECT HYBRIDS. Strong growing cut flower strain, consisting of about 75 per cent. light blues and the balance in various other colors. Flowers are extra large on strong, erect stems. 2 yr., field-grown, for forcing.....	6.00	20.00
1 yr., field-grown, for forcing.....	4.50	15.00
DELPHINIUM, CHINESE BLUE.....	2.25	7.00
DELPHINIUM, CAMBRIDGE BLUE.....	2.25	7.00
DIGITALIS GLOXINIAEFLOA ALBA.....	2.25	7.00
DIGITALIS GLOXINIAEFLOA PURPUREA.....	2.25	7.00
DIGITALIS GLOXINIAEFLOA ROSEA.....	2.25	7.00
ERIGERON SPECIOSUS HYBRIDS.....	2.50	8.00
EUPATORIUM COLESTINUM.....	2.25	7.00
EUPHORBIA COROLLATA. 2 in. pots.....	2.25	7.00
Field plants.....	3.00	10.00
GAILLARDIA GRANDIFLORA.....	2.25	7.00
GAILLARDIA, MAGNIFICENT.....	3.00	10.00
GAILLARDIA, SUN GOD. 2½ in. pots.....	4.00	15.00
GAILLARDIA, GOLDEN GODDESS. 2 in. pots.....	4.50	16.00

See also page 10

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

PERENNIALS—Continued

GYPHOPHILA, BRISTOL FAIRY. Our plants are grafted during the Summer months, established in 2 in. pots, rested in coldframes and shifted to 3 in. pots the first part of January. They will be in excellent condition for shipments for outdoor planting from the first of April on. The above methods of handling assure you of receiving a superior type of Gypsophila Bristol Fairy.	25	100
Strong, 3 in. pot plants.....	\$4.00	\$12.50
Exceptionally nice, field-grown roots.....	5.50	17.50
Strong, 2 in. pot plants.....	3.00	10.00
GYPHOPHILA, DOUBLE COLORADO TYPE.		
Strong, 2 in. pot plants.....	6.00	20.00
Exceptionally nice, field-grown roots.....	7.50	25.00
GYPHOPHILA REPENS BODGERI. This plant is enjoying popularity. Since it is an ever-bloomer, it is possible to cut flowers with 8 to 12 in. stems throughout the entire Summer, very often when other Gypsophilas are off crop. Bodgeri is also a very pretty little border plant, producing double white flowers which later turn to shell pink.		
Strong, 2 in. pot plants.....	3.00	10.00
Exceptionally nice, field-grown roots.....	4.00	12.00
GYPHOPHILA, ROSY VEIL. A novelty of European introduction similar in habit to Bodgeri, but with flowers of a somewhat more pronounced pink color.		
Strong, 2 in. pot plants.....	3.00	10.00
Exceptionally nice, field-grown roots.....	4.50	15.00
GYPHOPHILA ACUTIFOLIA	2.25	7.00
GYPHOPHILA PACIFICA	3.00	10.00
HELIOPSIS, DOUBLE LEMOINE	3.00	10.00
HELIOPSIS PITCHERIANA	2.00	6.00
HEUCHERA BRIZOIDES	3.00	10.00
HEUCHERA, PLUIE DE FEU	4.50	15.00
LIATRIS SPICATA. Purple flowers are produced on spikes 12 to 15 in. long. Flowers about three weeks earlier than Pycnostachya. Height 2 to 3 ft.	3.00	10.00
LIATRIS PYCNOSTACHYA	3.00	10.00
LUPINE POLYPHYLLUS, BLUE, ROSE and WHITE	3.00	10.00
MATRICARIA, DOUBLE WHITE (Same as Golden Ball, only white).....	2.25	7.00
MATRICARIA, GOLDEN BALL	2.25	7.00
PENTSTEMON BARBATUS TORREYI	2.25	7.00

PEONIES, Florist Cut Flower Varieties:

AVALANCHE. Pure white, slight carmine edged. Crown type. Late midseason.....	25	100
FELIX CROUSSE. Large brilliant red. Late midseason	4.50	15.00
KARL ROSENFELD. Pure, rich, intense 'crimson' of half-rose type.....	4.50	15.00
MONS. JULES ELIE. Ideal glossy lilac-pink shading to a deeper rose at the base. Bomb type, midseason....	5.00	16.00
SARAH BERNHARDT. Apple blossom pink, petals silver-tipped. Semi-rose type; midseason.....	7.50	25.00
We can supply all other varieties. Prices upon request.		
PHYSOSTEGIA GRANDIFLORA, VIVID (Tall Type). Similar in color to the well known Grandiflora Vivid. Due to its longer stems this variety can be used in larger floral arrangements, the violet mauve color blending in well with other flowers. This is really a worth-while Physostegia. It is very valuable also from the standpoint of continuously flowering for a long period.....	3.00	10.00
PRIMROSES, HARDY.		
CASHMERIANA	3.00	10.00
DENTICULATA	3.00	10.00
JAPONICA	3.00	10.00
OFFICINALIS	3.00	10.00
POLYANTHUS, GIANT HYBRIDS	4.50	15.00
POLYANTHUS, GIANT WHITE	4.50	15.00
POLYANTHUS, GIANT YELLOW	4.50	15.00
POLYANTHUS, GIANT SCARLET	4.50	15.00
POLYANTHUS, GIANT GOLD LACED	4.50	15.00
VULGARIS	3.00	10.00
PYRETHRUMS, BUCKEYE. 2 in. pots.....	4.50	15.00
HUNTING'S SCARLET	4.50	15.00
MIAMI QUEEN	4.50	15.00
PRINCESS MARGARET	4.50	15.00
ROSE GLORY	4.50	15.00
TROJAN	4.50	15.00
STATICE DUMOSA	3.00	10.00
STATICE LATIFOLIA	2.50	8.00
TRITOMA, MT. ETNA. 3 in. pots.....	4.50	15.00
TRITOMA, TOWER OF GOLD. 3 in. pots.....	4.50	15.00
VIOLET, PRINCE OF WALES	3.00	10.00

LET US QUOTE YOU ON OTHER PERENNIALS

HORTICULTURAL BOOKS

FOR FLORISTS AND GROWERS

COMMERCIAL FLORICULTURE. By Fritz Bahr. Fourth edition revised, enlarged, brought thoroughly up-to-date. The book of books for the florist-growers, and now embracing, in addition to the wealth of material presented in the previous edition on the successful management of a retail grower's establishment, full information and advice on every advancement that has been made in recent years in this branch of the business, particularly in growing the various florist flowers, together with a full discussion of such new subjects as cloth houses, sash houses, electrical heating of hotbeds, sterilization of soils, effects of gas on plants, artificial light in the greenhouse, timing greenhouse crops, common plant enemies and their control, etc. Part I embraces the Retail Grower's Methods, while Part II consists of a Cultural Manual for Retail Growers in which explicit cultural directions are given covering well over 500 plants of commercial value to the grower. 646 pages, 6x9 in.; 308 illustrations. Fabricoid. \$5.50.

PLANT CULTURE. By George W. Oliver and Alfred C. Hottes. 442 pages, 5x7½, 131 illustrations. Cloth.....	\$3.50
MANUAL OF GARDENING. By L. H. Bailey. 539 pages, 350 illustrations.....	3.00
GARDEN FLOWERS IN COLOR. By G. A. Stevens. 320 pages, 400 photographs in full color.....	1.98
PLANT NAMES. By T. S. Lindsay. 99 pages.....	1.00
PLANT PROPAGATION—999 QUESTIONS ANSWERED. By Alfred Carl Hottes. 238 pages, 136 illustrations.....	2.00
THE RETAIL FLOWER SHOP. By Robert Kift. 340 pages, 6x9; 145 illustrations. Cloth.....	2.50
NEW ALBUM OF FLORAL DESIGNS. By Robert Kift. 148 pages, 7½x9½. Cloth.....	1.00

FLORAL DESIGNS DE LUXE. Covers all designs and types. 176 pages, 9¼x12¼, 472 illustrations. Cloth.....	\$3.50
AMERICAN GREENHOUSE CONSTRUCTION. By Richard T. Muller. 152 pages, 5x7½, 55 illustrations. Cloth.....	1.00
SPRAYING, DUSTING, AND FUMIGATING OF PLANTS. By A. F. Mason. 570 pages, 237 illustrations.....	3.00
PRACTICAL PEST CONTROL. By H. C. Tweedale. 30 pages, 4x9; 7 illustrations. Paper pamphlet.....	.50
FERTILIZERS FOR GREENHOUSE AND GARDEN CROPS. By Alex. Laurie and J. B. Edmond. 156 pages, 5x7½; 22 illustrations. Cloth.....	2.00
AZALEAS AND CAMELLIAS. By H. H. Hume. 90 pages; 14 illustrations.....	1.50
ALL ABOUT FLOWERING BULBS. By T. A. Weston. 184 pages.	2.00
PRACTICAL CARNATION CULTURE. By T. A. Weston. 224 pages, 5x7½; 54 illustrations. Cloth.....	2.00
CHRYSANTHEMUMS UNDER GLASS AND OUTDOORS. By Alex. Laurie. 118 pages, 5x7½; 33 illustrations. Boards...	1.50
MODERN DAHLIA CULTURE. By W. H. Waite. 134 pages, 24 halftone illustrations, six in full color.....	1.50
GLADIOLUS. By F. F. Rockwell. 79 pages; 45 illustrations....	1.25
GLADIOLUS BREEDING. By J. A. Kemp. 12 pages, 4x9, 7 illustrations. Pamphlet.....	.50
AMERICAN ORCHID CULTURE. By Prof. E. A. White. 250 pages, 6¼x9¼, 14 color plates; 72 illustrations.....	5.00
PRACTICAL TOMATO CULTURE. By Frank C. Pellett and Melvin A. Pellett. 164 pages, 5x7½; 22 illustrations. Cloth...	.75
RHODODENDRONS AND AZALEAS. By Clement G. Bowers. 526 pages, 8x10 in.....	10.00
TUBEROUS-ROOTED BEGONIAS—AND THEIR CULTURE. By George Otten. 84 pages, 5x7½ in.; 36 halftone illustrations..	1.25
PRACTICAL VIOLET CULTURE. By Nelson Coon. 128 pages, 5x7½; 33 halftones. Cloth.....	.75

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



AGATHAEA

	Tr. pkt.	Oz.
COELESTIS (amelloides) (Blue Daisy).....	¼ oz. 40c. \$0.25	\$1.20

AGERATUM

	Tr. pkt.	Oz.
BLUE PERFECTION. Dark blue bedder. 8 in.....	\$0.15	\$0.60
BLUE BALL. An improved perfection. 6 in.....	.15	.70
BLUE CAP.....	¼ oz. 70c. .35	....
LITTLE BLUE STAR.....	¼ oz. 60c. .25	....
PURPLE PERFECTION.....	.15	.80
LITTLE DORRIT BLUE. Dwarf. 6 in.....	.15	.80
LITTLE DORRIT WHITE. Best dwarf white. 6 in.....	.15	.80
FAIRY PINK.....	¼ oz. \$2.50, .35	....

ALYSSUM

	Tr. pkt.	Oz.
BENTHAM COMPACTUM ERECTUM. 9 in.....	\$0.10	\$0.40
COMPACTUM LUTESCENS. Straw yellow. 8 in.....	.10	.40
LILAC QUEEN. 6 in.....	.15	.80
LITTLE DORRIT. 3 in.....	.15	.60
LITTLE GEM. Extra fine strain. 4 in.....	.15	.60
PROCUMBENS. 2-3 in.....	.15	.60

ANTIRRHINUM (Snapdragon)

GREENHOUSE FORCING VARIETIES. Also fine for planting outside.

SNAPDRAGON

	Tr. pkt.
WESTOVER'S FRINGED WHITE.....	\$2.50
GLORIOUS.....	2.00
KLONDIKE SUPREME.....	2.00
MARIE LOUISE.....	2.00
TALISMAN.....	2.00
CHRISTMAS CHEER.....	2.00
GILBERT'S PINK QUEEN SUPREME.....	2.00
BEZDEK'S WHITE WONDER.....	2.00
OLSEN'S SNOW WHITE.....	2.00
MAIDEN'S BLUSH.....	1.50
ROSE PINK CHEVIOT SUPREME.....	1.50
GRAND VIEW.....	1.50
MARION WHITE.....	1.50
MARION GOLD.....	1.50
DAYBREAK.....	1.50
CAPTOR.....	1.50
SUNSET.....	1.50
ROLPH'S YELLOW.....	1.50
CELESTIAL.....	1.50
AFTERGLOW. Golden bronze.....	1.00
BERTHA BAUR. Lavender.....	1.00
CEYLON COURT. Canary yellow.....	1.00
CEYLON COURT. Dark selection.....	1.00
CHEVIOT MAID SUPREME. Rose pink.....	1.00
CININNATI. Light rose.....	1.00
COATE'S YELLOW PERFECTION. Golden yellow.....	1.00
JUDD'S LIGHT PINK.....	1.00
JUDD'S DARK PINK.....	1.00
LUCKY STRIKE WHITE.....	1.00
NEW DAWN GOLDEN ORANGE.....	1.00
NEW DEAL GOLDEN BRONZE.....	1.00
ORCHID BEAUTY. Orchid and bronze.....	1.00
PINK BEAUTY.....	1.00
RADIANCE.....	1.00
ROSE ORANGE.....	1.00
SONNY. Pink.....	1.00
SUN TAN. Rose and bronze.....	1.00
TERRY'S SURPRISE IMP. Pink and bronze.....	1.00
VELVET BEAUTY. Red.....	1.00
WHITE CHEVIOT MAID.....	1.00
WHITE ROCK.....	1.00
WHITE PROSPERITY. White.....	1.00
WINTER HELEN. Salmon pink.....	1.00
YELLOW CHEVIOT MAID.....	1.00
UNIVERSITY OF CALIFORNIA. De Luxe mixed. Rustproof.	
	Oz. \$1.00, .25

Special SNAP Offer

7 PACKETS FOR \$5.00

Your choice of 14 varieties listed below.
Not more than one packet of each variety

LUCKY STRIKE	SUN TAN
CHEVIOT MAID SUPREME	WHITE ROCK
TERRY'S SURPRISE	VELVET BEAUTY
COATES YELLOW PERFECTION	NEW DEAL
BERTHA BAUR	ROSE QUEEN
JUDD'S EARLY DARK PINK	AFTERGLOW
JUDD'S EARLY LIGHT PINK	LA FRANCE

ASPARAGUS

PLUMOSUS NANUS (American Grown). True flat leaf variety. We recommend this American-grown seed. Ripens six weeks earlier than Italian seed. 1 to 20 lbs.....Per lb. \$5.00
21 to 50 lbs.....Per lb. \$4.50 51 to 100 lbs.....Per lb. \$4.00

SPRENGERI. 1 to 20 lbs.....Per lb. \$5.00
21 to 50 lbs.....Per lb. \$4.50 51 to 100 lbs.....Per lb. \$4.00
There are about 10,000 seeds in 1 lb. of Plumosus and 7,000 seeds in 1 lb. of Sprengeri.

Greenhouse-grown. 100 seeds 50c., 1000 seeds \$2.00, 5000 seeds \$9.50
Lathhouse-grown......100 seeds 30c., 1000 seeds \$1.00

PLUMOSUS NANUS (Italian Grown). 1 to 20 lbs.....Per lb. \$4.50
21 to 50 lbs.....Per lb. \$3.75 51 to 100 lbs.....Per lb. \$3.25

ASTERS

We recommend the following Asters to florists who want a complete succession of Asters throughout the season in all colors and best commercial varieties. Growers who grow Asters in a large way advise us the selection below is the most profitable to grow. We can supply all other varieties if wanted.

Wilt-Resistant Type

	Tr. pkt.	Oz.
QUEEN OF THE MARKET. Mid-blue, White, Dark Blue.....	\$0.30	\$1.75
EARLY ROYAL TYPE. White, Shell Pink, Rose, Lavender, Rose Purple.....	.30	1.75
LATE BRANCHING. White, Shell Pink, Lavender, Purple, Rose, Sensation, Heart of France.....	.30	1.75
EARLY AMERICAN BEAUTY. White, Shell Pink, Lavender, Purple, Rose.....	.30	1.75
LATE AMERICAN BEAUTY. White, Shell Pink, Lavender, Rose, Purple.....	.30	1.75
BALL'S EARLY. White.....	.30	1.75
BALL'S LATE. White. Branching type.....	.30	1.75
Phlox Pink. Branching type.....	.30	1.75
Deep Purple. Branching type.....	.30	1.75
Deep Rose. Branching type.....	.30	1.75
LOS ANGELES. Lovely soft shell pink.....	¼ oz. 70c. .35	2.40
AURORA or GOLDEN SHEAF.....	¼ oz. 75c. .35	2.00
ASTERS CHINENSIS SINGLE DAISY FLOWERING TYPE. Fine for cut flowers—in White. Wilt-resistant..		
	¼ oz. 50c. .25	1.50
FINEST MIXED. Wilt-resistant.....	¼ oz. 50c. .25	1.50

Non-Resistant

IMPROVED NEW GIANT CALIFORNIA SUNSHINE.		
White, Pink, Lavender, Flesh.....	.35	2.50
Finest Mixed Non-resistant.....	¼ oz. 25c. .15	.65
LILLIPUT FLOWERED BUTTON ASTERS. Resembling Lilliput Zinnias. Fine for cutting and borders.		
White, Rose, White with Red, White with Dark Blue, White with Rose, Fiery Scarlet, Dark Blue, Mixed.....	.35	1.80

Imbricated Pompon

WHITE, LIGHT BLUE, ROSE, SCARLET, DARK BLUE.....	¼ oz. 60c. .35	2.00
--	----------------	------

BEGONIA

	Tr. pkt.
CHRISTMAS CHEER. Red.....	\$1.00
CHRISTMAS PINK. Warm rose pink.....	1.00
GRACILIS LUMINOSA. Deep dark scarlet.....	1.00
CARMEN. Bright rose flowers. Bronze foliage.....	1.00
FIREBALL. Fiery crimson. 10 in.....	.50
PRIMA DONNA. Rose.....	1.00
RADIO. Shining, pure carmine scarlet.....	1.00
WHITE PEARL. White. 10 in.....	.50
SEMPERFLORENS ALBA. White. 14 in.....	.25
ALBERT MARTIN. Bright carmine.....	.50
ERFORDIA. Rosy carmine. 10 in.....	.50
GUSTAV KNAAKE. Glowing salmon pink.....	1.00
STRIEGAU. Fiery carmine.....	1.00
VERNON. Blood red, dark leaves. 12 in.....	.35
WINTER ROMANCE. Carmine pink flowers.....	1.00
WUERTEMBERGIA. Deep scarlet.....	.50
DARLING. Carmine rose.....	1.00

BLUE LACEFLOWER—See Didiscus

BROWALLIA

	Tr. pkt.
SPECIOSA MAJOR.....	\$0.35

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



CALCEOLARIA HYBRIDA

IRWIN'S EXTRA CHOICE MIXED. Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties. A superior English strain.

Tr. pkt. (about 1000 seeds) \$1.00, 1/32 oz. \$3.20, 1/64 oz. \$1.80
KELWAY'S PERFECT MODEL (Herbaceous).

Tr. pkt. \$1.00, 1/32 oz. \$3.80, 1/64 oz. \$2.00
MULTIFLORA NANA (Hyb.).....Tr. pkt. \$1.00

CALENDULA

	Tr. pkt.	1/4 oz.	Oz.
BALL'S MASTERPIECE. Extra long-stemmed, deep orange with brown center.....	\$0.40	\$0.60	\$2.00
BALL'S ORANGE IMPROVED.....	.40	.60	2.00
SENSATION. Double brilliant orange flowers with a crimson or scarlet sheen. The blooms are very flat in shape.....	.25	.35	1.00
BALL'S SUPREME. Light orange with brown eye.....	.40	.60	1.80
BALL'S GOLD.....	.40	.60	2.00
BALL'S LONG ORANGE.....	.40	.60	2.00
BALL'S LEMON QUEEN.....	.40	.60	2.00
RADIO. An English introduction. Deep orange... ..	.25	....	.75
ORANGE KING.....	.20	....	.75

CANDYTUFT

	Tr. pkt.	Oz.	Lb.
GIANT HYACINTH-FLOWERED. Select, pure white. 12 in.....	\$0.20	\$0.80	\$3.00
UMBELLATA CARMINEA. Carmine. 12 in....	.15	.40	3.50
ALBA. White. 12 in.....	.15	.40	3.50
FLESH. Pink. 12 in.....	.15	.40	3.50
LILACINA. Lilac. 12 in.....	.15	.40	3.50
PURPUREA. Crimson. 12 in.....	.15	.40	3.50
ROSE CARDINAL. Rose pink. 12 in.....	.15	.50	4.50

CELOSIA

	Tr. pkt.
DWARF MIXED. Fine for pots.....	\$0.25
THOMPSONI MAGNIFICA. Mixed..... 1/4 oz. 25c., oz. 80c.	.15
FLAME OF FIRE.....	.35

CENTAUREA

	Tr. pkt.	Oz.	Lb.
CYANUS (Cornflower) BLUE. Excellent cut flower variety.....	\$0.10	\$0.40	\$4.00
CYANUS ROSEA. Fine pink color.....	.10	.40	4.00
CYANUS WHITE. Pure.....	.10	.40	4.00
BLUE BOY.....	.15	.50	....
PINKIE.....	.15	.50	....
RED BOY.....	.15	.50	....

CHRYSANTHEMUM

	Tr. pkt.	Oz.
CARINATUM BURRIDGEANUM. White and crimson with yellow ring. 20 in.....	\$0.10	\$0.25
ECLIPSE (Chameleon). Brown and yellow.....	.10	.25
NORTHERN STAR. Giant white flowers.....	.10	.25
PURPUREUM (W. E. Gladstone). Purple.....	.10	.25
THE SULTAN. Dark copper yellow ring. 20 in.....	.10	.25
SEGETUM (Eastern Star). Light yellow.....	.10	.25
ELDORADO. Bright canary yellow..... 1/4 oz. 25c.	.10	....
GLORIA (Morning Star). Primrose flowers. 20 in.....	.10	.25
HELIOS (Evening Star). Golden yellow.....	.10	.25

CINERARIA

	Tr. pkt.
CREMER'S PRIZE STRAIN 1/32 oz. \$4.50, 1/16 oz. \$8.00, \$1.50	
MULTIFLORA NANA MAXIMA. Mixed..... 1/32 oz. \$2.40, 1.00	
POTSDAM STRAIN (Berlin Market)	
1/64 oz. \$1.50, 1/32 oz. \$2.50, 1.00	
SITER'S RAINBOW STRAIN	2.00

COLEUS

	Tr. pkt.
RAINBOW MIXTURE 1/16 oz. \$1.50, \$0.50	

CUPHEA

	Tr. pkt.
FIREFLY	\$0.50

COSMOS

	Tr. pkt.	Oz.
SENSATION. New mammoth flowering. Produces a bloom about 4 in. across in about 10 weeks from sowing. A prominent Chicago florist writes: "If you want to put your customers onto something that will give them a pink or white flower with a good stem and something they never get through cutting during the Summer, then you cannot go far wrong.....	\$0.25	\$1.50
PINK.....	.25	1.00
WHITE.....	.25	1.00
MIXTURE.....	.25	1.00
ORANGE FLARE (Early Klondyke).....	.25	1.00

CYCLAMEN

Binnewies Strain (None Better)

	In Original Packets	100	1000
No. 1— DARK BLOOD RED	\$1.20	\$10.00	
No. 2— BRIGHT RED	1.20	10.00	
No. 3— PURE ROSE	1.20	10.00	
No. 4— SOFT ROSE WITH CARMINE EYES (Impr. Rose of Marienthal)	1.20	10.00	
No. 5— WHITE WITH CARMINE EYE	1.20	10.00	
No. 6— PURE WHITE	1.20	10.00	
No. 7— BONFIRE. Brilliant salmon.....	1.70	15.00	
No. 8— SALMON SCARLET (American Improved) ...	2.00	16.00	
No. 9— NEW SALMON ROSE IMPROVED	1.60	13.00	
No. 10— SALMON COLOR (Dark) (Glory of Wandsbek or Perle of Zehlendorf)	1.50	12.00	
No. 11— SALMON COLOR (Light) (Rose of Zehlendorf)	1.50	12.00	
No. 12— ORANGE BEAUTY. Orange vermillion, extra...	2.00	17.00	
No. 14— MORNING RED	1.60	13.00	
No. 15— SAFFRON RED	1.40	11.00	
No. 16— SAFFRON RED. Silver edged.....	1.75	15.00	
No. 18— MOZART. Deep pink (Novelty).....	2.00	17.00	
No. 19— LAVENDER COLOR	1.20	10.00	
No. 21— PINK PEARL. Salmon pink (Novelty).....	2.00	17.00	

DAHLIA SEED

NEW COLTNESS HYBRIDS, Mixed. Tr. pkt. 25c., 1/4 oz. 50c., oz. \$1.80
Sow seed in January or February, repot into 2 1/4-in. pots and plant out early in the Spring. They will flower all Summer long. Very effective for bouquets, funeral work, etc.



Pacific Giant White Delphinium

DELPHINIUM

PACIFIC GIANT WHITE. Individual florets 2 to 2 1/2 in. in diameter. Well placed on large, well balanced spikes. Clear glistening white with heavy texture. Excellent for cut flower and show purposes. This is the best white on the market. Tr. pkt. (250 seeds) \$1.00, 1000 seeds, \$3.00; 1/4 oz. for \$5.00, 1/2 oz. for \$9.00, oz. for \$16.00.

	Tr. pkt.	Oz.
BELLADONNA, LIGHT BLUE IMP	\$0.50	\$2.00
BELLAMOSUM, DARK BLUE.....	.50	2.00
BLACKMORE & LANGDON STRAIN.....	.50	3.00
PAPPAS STRAIN 6 for \$5.00.	1.00	....
WREXHAM STRAIN HOLLYHOCK.....	.50	2.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

EXACUM

AFFINE. Valuable pot plant (6-8 in.).....Tr. pkt. 75c.

FORGET-ME-NOT (Myosotis)

IRWIN'S WINTER FLOWERING. Dark blue.....Tr. pkt. 1/4 oz. \$0.75 \$1.50
VICTORIA. Dwarf globular strain. Sky blue......25 .40
OBLONGATA (Blue Bird)......35 .90
HYBRIDA, RUTH FISHER. Lovely blue. 1/16 oz. \$1.00, .35

GLOXINIA

NEW VELVET BEAUTY. Crimson. Leaves are flexible. Will not crack.....Tr. pkt. \$1.00

GREVILLEA

ROBUSTA (Silk Oak).....Tr. pkt. 20c., oz. 80c., lb. \$8.00

GYPSOPHILA

GIANT FLOWERING, IRWIN'S SPECIAL STRAIN. White. Tr. pkt. 10c., oz. 20c., 4 ozs. 50c., lb. \$1.25, 5 lbs. \$5.00
ROSEA. Rose.....Tr. pkt. 30c., 4 ozs. \$1.00

IPOMOEA

EARLY FLOWERING HEAVENLY BLUE. A good seller. Tr. pkt. 15c., oz. 60c.
SCARLETT O'HARA. Red.....Tr. pkt. 35c., oz. \$1.75

LANTANA (Hybrida)

MIXED.....Tr. pkt. 15c., oz. 50c., lb. \$5.00

ANNUAL LARKSPUR

GIANT IMPERIAL

A new race of annual Larkspur of upright growth, branching from the base of plant, producing more and longer stems for cutting.

	Tr. pkt.	Oz.	Lb.
BLUE SPIRE. Dark blue.....	\$0.25	\$1.00	\$10.00
GLORIA. Deep rose.....	.25	1.00	10.00
LILAC SPIRE.....	.25	1.00	10.00
DAINTINESS. Lavender.....	.25	1.00	10.00
MISS CALIFORNIA. Salmon.....	.25	1.00	10.00
WHITE SPIRE. Pure white.....	.25	1.00	10.00
EXQUISITE PINK. Salmon.....	.25	1.00	10.00
EXQUISITE ROSE.....	.25	1.00	10.00
WHITE KING.....	.25	1.00	10.00
CORAL KING.....	.25	1.00	10.00
BLUE COCKADE.....	.25	1.00	10.00
DAZZLER. Carmine.....	.25	1.00	10.00
LILAC QUEEN. Rich lilac shading to lavender blue.	.25	1.00	10.00

STOCK FLOWERED

LOS ANGELES.....	.20	.60	....
ROSAMOND.....	.20	.60	....

LILIUM

PHILIPPINENSE FORMOSANUM. If seed is sown in Spring will bloom in September. Large umbels of fine white, like an Easter Lily. 1/4 oz. 50c.. \$0.25 \$1.80 \$22.00
REGALE (Regal Lily)......15 .40 4.00

LOBELIA

	Tr. pkt.	1/4 oz.	Oz.
CRYSTAL PALACE COMPACTA. 4 in.....	\$0.25	\$0.50	\$1.80
PENDULA, HAMBURGIA. Good for hanging			
baskets, sky blue, white eye.....	.25	.50	1.40
PENDULA SAPPHIRE. Dark blue.....	.25	.50	1.60
PUMILA SPLENDENS, BEDDING QUEEN.....	.25	.60	2.00
EMPEROR WILLIAM. Gentian blue.....	.25	.50	1.60

LUPINS

Free flowering, easily grown annuals, with long, graceful spikes of rich and various colored, pea-shaped flowers; valuable for cutting to follow "Mums" or Sweet Peas as a "catch crop."

	Oz.
IRWIN'S SPECIAL BLUE. Greenhouse forcing, flower in four months after sowing. A favorite in the New York market.....	
1/4 lb. \$1.25, lb. \$5.00, \$0.50	
IRWIN'S SPECIAL YELLOW. For forcing.....	.50
HARTWEGI, DARK BLUE.....	.30
HARTWEGI, LIGHT BLUE.....	.30
HARTWEGI ROSEUS.....	.30
HARTWEGI ALBUS.....	.30
HARTWEGI, MIXED.....	.30
RUSSELL'S LUPINS. Mixed colors	
12 seeds 25c., 50 seeds 65c., 120 seeds \$1.25, 250 seeds \$2.50	

MIGNONETTE

NEW YORK MARKET. This is an extra choice strain of Mignonette for greenhouse culture. The plants grow from 2 to 3 ft. high and produce spikes up to 20 in. long, according to the quality of the soil, weather and treatment.....Tr. pkt. 75c., 1/4 oz. \$1.60

MARIGOLD

	Tr. pkt.	Oz.
GUINEA GOLD..... 1/4 lb. \$4.00, \$0.25	\$1.25	
YELLOW SUPREME. Guinea Gold type.....	.25	1.25
AFRICAN GIANT, "ALLDOUBLE" ORANGE.....	.25	1.50
AFRICAN GIANT "ALLDOUBLE" LEMON.....	.25	1.50
DOUBLE DWARF FRENCH, HARMONY. Maroon red, yellow center.....	.25	1.00
DOUBLE DWARF FRENCH, ROBERT BEIST. Dark maroon.....	.15	.50
DOUBLE DWARF FRENCH MONARCH MIXED.....	.15	.60
CHRYSANTHEMUM FLOWERING CALIFORNIA, GIANT MIXED.....	.25	1.80
AFRICAN TALL GOLD BALL..... 1/4 lb. \$2.50,	.15	.75
AFRICAN TALL ORANGE BALL..... 1/4 lb. \$2.50,	.15	.75
AFRICAN LITTLE GIANTS MIXED.....	.50	4.00
FRENCH TALL DOUBLE. Orange, Lemon, Dark Brown.	.10	.40
SINGLE DWARF LEGION OF HONOR (Little Brownie).....	.10	.30
SINGLE DWARF GOLD STAR. Yellow striped maroon..	.10	.30
STAR OF INDIA. Crimson, striped yellow.....	.10	.30
SINGLE SIGNATA PUMILA. Golden orange.....	.25	1.00

A Real Novelty LEIB'S MARIGOLDS

LIEB'S WINTER-FLOWERING

	Tr. pkt.
MAHOGANY BROWN.....	\$0.60
WINTER SUNSHINE.....	.60

NIEREMBERGIA

HIPPOMANICA., Dwarf cup flower, lavender blue.....Tr. pkt. 75c.

PANSIES

Up-to-the-Minute Varieties

	Tr. pkt.	1/4 oz.	Oz.
IRWIN'S FINEST EXHIBITION MIXTURE. A mixture of the finest exhibition Pansies grown in this country..... 1/8 oz. \$2.00, 1/2 oz. \$6.50,	\$3.50	\$12.00	
IRWIN'S GIANT FLORIST MIXTURE.....			
1/8 oz. \$1.00, 1/2 oz. \$3.00,	1.75	6.00	
SWISS GIANT MIXED..... 1/8 oz. \$1.00,	1.75	6.00	
MAPLE-LEAVED. Giant mixed.....	\$0.50	1.80	6.00
ADONIS. Bright blue.....	.25	.40	1.40
BEACONSFIELD. Deep purple, upper petals white	.25	.40	1.40
BLACK.....	.25	.40	1.40
CARDINAL. Brilliant red.....	.25	.40	1.40
IRENE. Henna red.....	.65	2.50	8.50
MADAME PARRET. Wine shades.....	.25	.40	1.40
PRINCE HENRY. Dark blue.....	.25	.40	1.40
WHITE WITH DARK EYE.....	.25	.40	1.40
WHITE. Pure white.....	.25	.40	1.40
YELLOW WITH DARK EYE.....	.25	.40	1.40
YELLOW. Pure yellow.....	.25	.40	1.40



Pansies

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

DIENER'S CHOICE PETUNIAS

We carry Diener's complete line of Petunia Seed
put up in original packets and by weight

DIENER'S RUFFLED MONSTERS (Single and Double)

The varieties marked Ruffled Monsters are of giant size while the others are somewhat smaller. Please order Petunias by number to avoid mistakes.

	Tr. pkt.
*No. 1—PINK (Ruffled Monster).....	\$0.50
No. 2—FLESH PINK (Ruffled Monster).....	.50
No. 3—VARIEGATED (Ruffled Monster).....	.50
No. 4—WHITE AND YELLOW CENTER (Ruffled Monster).....	.50
*No. 5—RED, DARK VEINED AND COAL BLACK CENTER (Ruffled Monster).....	.50
No. 6—PALE LILAC PINK (Ruffled Monster).....	.50
*No. 7—RED AND WHITE VARIEGATED (Ruffled Monster).....	.50
No. 8—RUFFLED MONSTERS MIXED.....	.50
No. 9—FLESH PINK FRILLED.....	.25
No. 10—SALMON ROSE (Ruffled Monsters).....	.50
No. 11—DIENER'S BLUE.....	.25
No. 12—COPPER PINK and WHITE VARIEGATED.....	.50
No. 13—HELIOTROPE (Ruffled Monsters).....	.25
No. 14—DIENER'S PINK GLORY.....	.25
No. 15—PURPLE AND WHITE.....	.50
No. 16—WHITE BEAUTY.....	.25
No. 17—PALE SULPHUR YELLOW.....	.25
No. 18—VARIEGATED HEAVY RUFFLED.....	.50
No. 19—GIANT PINK GLORY.....	.50
No. 20—MAUVE (Ruffled Monster).....	.50
No. 21—STEEL BLUE.....	.25
No. 22—ROSE COLOR.....	.25
No. 23—PALE AMARANTH PINK.....	.25
No. 27—SALMON COLOR (Single).....	.25
No. 41—COPPER RED (Ruffled Monsters).....	.50
*No. 46—DEEP VELVET VIOLET (Single).....	.50
No. 47—JUMBO MIXTURE OF RUFFLED MONSTER PETUNIAS.....	1.00

DOUBLE PETUNIAS

Note—All of our Double Petunia seeds are raised from Double Petunias and so give the highest percentage of double seedlings. The slowest and poorest seedlings will turn out the best doubles.

	Tr. pkt.
No. 24—SALMON DOUBLE.....	\$1.00
No. 25—COPPER RED DOUBLE.....	1.00
No. 26—GREEN EDGED DOUBLE.....	1.00
No. 28—DOUBLE LAVENDER BLUE.....	1.00
No. 29—PURPLE DOUBLE. Medium size.....	1.00
No. 38—DOUBLE RUFFLED MONSTERS MIXED.....	1.00
No. 40—MADONNA. Frilled snow white.....	1.00
*No. 42—LARGE DOUBLE FRILLED MIXED.....	1.00
No. 43—DOUBLE ROSE PINK FRILLED.....	1.00
*No. 44—DOUBLE FRILLED ROSE PINK AND WHITE VARIEGATED.....	1.00

Prices for Diener's Petunia Seeds in quantity:

Note—Each of the following numbers, separately (not all of the numbers mixed) are sold in quantity as listed below:

Of numbers (not mixed) 11, 14, 17, 21, 22, 23—
1/32 oz. \$3.00, 1/16 oz. \$6.00, 1/8 oz. \$12.00

Of numbers (not mixed) 38, 42, 44—
1/64 oz. \$5.00, 1/32 oz. \$10.00, 1/16 oz. \$20.00

NOTE—The varieties that are not listed above will not be sold in quantity this year.

Larger amounts on request.

*This indicates the best assortment to grow as we have learned by close contact with growers everywhere.

SMALL FLOWERING DOUBLE

ROSY MORN. A beautiful double pink.
1000 seeds \$1.00, 1/32 oz. \$3.00, 5000 seeds \$4.00

LARGE SINGLE FRINGED GRANDIFLORA

	Tr. pkt.
BURGUNDY. Red with white throat.....	\$0.50
GOLDEN JUBILEE. Carmine, tinged scarlet, golden throat....	1.00
*LACE VEIL. Dwarf white fringed.....	.50
PURPLE ROBE. Purple with silvery white picotee edge.....	1.00
RAPTURE. Rose pink yellow throat veined carmine rose.....	.75
*SETTING SUN. Rose pink.....	.50
TOPAZ ROSE. Velvety rose with topaz throat.....	.50

RUFFLED GIANT

MARILYN. Salmon pink..... 1.00

BALCONY PETUNIAS

	Tr. pkt.
BALCONY QUEEN. Purple and white.....	1/16 oz. \$1.50, \$0.50
BALCONY BLUE. A splendid strain.....	1/16 oz. 75c. .35
BALCONY RED. Dark red.....	1/8 oz. 50c. .25
BALCONY ROSE.....	1/8 oz. 50c. .25
BALCONY WHITE.....	1/8 oz. 50c. .25
BALCONY ROYAL BLUE.....	Oz. \$4.00, .50

PORTLAND PETUNIAS

	Tr. pkt.
PRIDE OF PORTLAND. Rose pink, fringed....	1/32 oz. \$1.20, \$0.50
*ELK'S PRIDE. Velvety violet, plain edge.....	1/32 oz. \$1.20, .50
SCARLET BEAUTY. Fringed.....	1/32 oz. \$1.20, .50
WHITE BEAUTY. Fringed.....	1/32 oz. \$1.20, .50

SINGLE SMALL-FLOWERING VARIETIES

	Tr. pkt.	1/4 oz.	Oz.
BLOTCHED AND STRIPED (Inimitable).....	\$0.20	....	\$1.00
*GENERAL DODDS. Blood red.....	.25	\$0.40	1.40
HOWARD'S STAR. Purple white star. Improved.....	.25	.50	1.60
NORMA. Violet blue with white star.....	.25	.40	1.40
VIOLACEA. Violet.....	.25	.40	1.40

SINGLE SMALL-FLOWERING DWARF VARIETIES

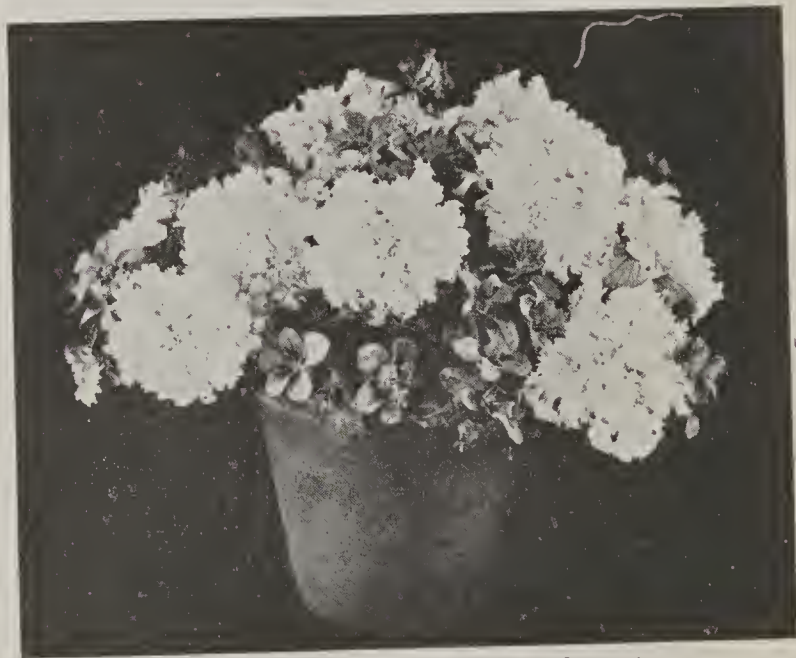
	Tr. pkt.	1/4 oz.	Oz.
*ALDERMAN. Dark violet.....	\$0.35	\$0.60	\$2.00
*BLUE BIRD. Deep violet, extra fine.....	.35	.70	2.40
*CELESTIAL ROSE.....	.35	1.40	5.00
*CELESTIAL ROSE. Re-selected.....	.50	....	....
DAZZLER. Bright rose.....	.75	....	....
*HEAVENLY BLUE. Silvery light blue, varies....	.50	1.75	6.00
MARTHA WASHINGTON. Blush pink veined wine red.....	.50	....	....
ROSE OF HEAVEN. Beautiful pink.....	.35	.50	1.60
ROSE OF HEAVEN IMP.....	.50	....	....
ROSY MORN. Pink with white throat.....	.50	.70	2.40
ROSY MORN IMP.....	.50	....	....
SNOWBALL. Dwarf white.....	.25	.40	1.40
SUNRISE. Rose.....	1.00	....	....
VELVET BALL. Velvety blood red.....	.75	....	....
WHITE CLOUD. Pure white.....	.50	....	....
IRWIN'S SPECIAL DWARF MIX. Small flowering varieties.....	.25	.50	1.60

DWARF CALIFORNIA GIANTS—SINGLE

*RAMONA STRAIN. This is the best strain of giant-flowered Petunias in existence for pot culture and bedding.

Tr. pkt. \$1.00, 1/32 oz. \$2.50, 1/8 oz. \$8.00
GIANTS OF CALIFORNIA SUPREME FLORIST STRAIN.
1000 seeds \$1.00

COLORADO SUNSET. Rose pink.....Tr. pkt. 75c



Petunia, Sakata's All Double Victorious

ALL DOUBLE PETUNIAS

*"VICTORIOUS" ALL DOUBLE PETUNIA (Original Sakata Strain). A money maker for Mother's Day. Without doubt the best Double Petunia Dwarf Giant Flowering Fringed yet introduced. A wonderful mixture of bright colors. Fine for pots.
500 seeds \$1.25, 1000 seeds \$2.00, 3000 seeds \$5.00,
1/64 oz. \$5.50, 1/32 oz. \$10.75
WORLD BEAUTY (Pink Perfection). All double, finest clear carmine, rose pink.....1/64 oz. \$6.50, 1/32 oz. \$13.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

PHLOX DRUMMONDI GRANDIFLORA

	Tr. pkt.	1/4 oz.	Oz.	Lb.
ALBA. White.....	\$0.20	\$0.30	\$1.00	\$10.00
ALBA OCULATA. White with dark eye.....	.20	.30	1.00	10.00
ATROPURPUREA ALBA OCULATA. Dark purple with white eye.....	.20	.30	1.00	10.00
BRILLIANT. Rose with dark eye.....	.20	.30	1.00	10.00
CHAMOIS RED.....	.20	.30	1.00	10.00
CARNEA. Flesh.....	.20	.30	1.00	10.00
ISABELLINA. Yellow.....	.20	.30	1.00	10.00
KERMESINA SPLENDENS. Crimson.....	.20	.30	1.00	10.00
LEOPOLDI. Pink with white eye.....	.20	.30	1.00	10.00
VIOLET WITH WHITE EYE.....	.20	.30	1.00	10.00
ROSEA. Pink.....	.20	.30	1.00	10.00
SCARLET.....	.20	.30	1.00	10.00
BEST LARGE-FLOWERING MIXED.....	.15	.25	.80	8.00

PHLOX NANA COMPACTA (Dwarf)

	Tr. pkt.	1/4 oz.	Oz.
SNOWBALL. 6 in.....	\$0.25	\$0.50	\$1.80
DELICATA. Old rose, carmine eye.....	.25	.50	1.80
FIREBALL.....	.25	.50	1.80
CHAMOIS.....	.25	.50	1.80
MIXED.....	.25	.50	1.80

PORTULACA

	Tr. pkt.	1/4 oz.	Oz.
SINGLE LARGE FLOWERING SORTS. Mixed.....	\$0.10	.....	\$0.50
DOUBLE SORTS. Finest mixed.....	.25	\$0.60	2.00

PRIMULA OBCONICA

Single

	Tr. pkt.
FASBENDER. Red and rose shades mixed. Seed grown by Mr. Fasbender, the originator. Flowers of enormous size. Without doubt the finest strain obtainable.....	
1/64 oz. (2500 seeds) \$3.00, 1 gram. (5000 seeds) \$5.00, 1.00	
MUELLER'S ROSE.....	1/64 oz. \$2.00, 1.00
MUELLER'S RED.....	1/64 oz. \$2.00, 1.00
MOHNSTEIN'S DARK RED.....	1/64 oz. \$2.00, 1.00

Double

PORTLAND BEAUTY. Rose pink.....	Tr. pkt. \$1.50
---------------------------------	-----------------

PRIMULA

MALACOIDES BABY PRIMROSE. Light lilac.....	Tr. pkt. 50c., 1/8 oz. \$1.00
ERIKSSONI BABY ALBA. White.....	Pkt. (about 800 seeds) \$1.00
ERIKSSONI NEW BABY. Lavender pink.....	Pkt. (about 800 seeds) \$1.00
ERIKSSONI BABY ROSE. Deepest pink.....	Pkt. (about 800 seeds) \$1.00
ERIKSSONI BABY DOLL. Frilled deep pink.....	Pkt. (about 800 seeds) \$1.00
ERIKSSONI WONDER BABY. Pink.....	Pkt. (about 800 seeds) \$1.00

New Chinese Variety

SINENSIS DOUBLE DAZZLER.....	Tr. pkt. 8
------------------------------	------------

RICINUS (Castor-bean)

	Oz.	Lb.
SANGUINEUS. Red leaves. 7 ft.....	\$0.10	\$1.00
ZANZIBARIENSIS. Mixed.....	.15	1.40

SALVIA SPLENDENS

	Tr. pkt.	1/4 oz.	Oz.
AMERICA (Globe of Fire). 16 in.....	\$0.35	\$0.60	\$2.00
BLAZE OF FIRE (Compacta). Blooms 10 to 14 days earlier than Harbinger.....	.50	1.00	3.50
BONFIRE or CLARA BEDMAN. Erect habits. 16 in.....	.25	.60	1.80
FARINACEA, BLUE BEDDER.....	.25	.50	1.80
HARBINGER. New dwarf Salvia.....	.35	.70	2.40
ZURICH.....	.35	.60	2.00

SCHIZANTHUS

	Tr. pkt.
WISETONENSIS DWARF COMPACTUS. Mixed.....	1/16 oz. \$1.00, \$0.50
WISETONENSIS. Mixed.....	Oz. \$1.00, .25

SCABIOSA

	Tr. pkt.	Oz.
LARGE FLOWERING DOUBLE TALL in separate colors.....	\$0.15	\$0.50
NEW GRANDIFLORA ROSETTE.....	.35	2.00
SALMON BEAUTY.....	.35	2.50
ORCHID SHADES.....	.35	2.00

SHAMROCK

Tr. pkt.....	15c.	Oz.....	50c.
--------------	------	---------	------

SMILAX

Tr. pkt.....	15c.	Oz.....	50c.
--------------	------	---------	------

SNAPDRAGON—See Antirrhinum

STATICE

	Tr. pkt.	Oz.	Lb.
SINUATA BLUE. Fine cut flower.....	\$0.10	\$0.25	\$2.60
SINUATA WHITE.....	.10	.25	2.60
SINUATA ROSEA SUPERBA.....	.10	.25	2.60
BONDUELLI. Golden yellow.....	.10	.20	2.00
SUWOROWI (Russian or Rattail). Flowers bright rose color.....	.15	.60	....

STOCKS

NON-BRANCHING (Column Type, Non-lateral)

WHITE, CHAMOIS ROSE, LAVENDER, ROSE, LIGHT BLUE, DARK BLUE, CRIMSON, RUBY, SILVER LILAC (LILAC LAVENDER), AMERICAN BEAUTY, MALMAISON PINK.
Each of the above: 1000 seeds \$1.00, 1/8 oz. \$1.25, 1/4 oz. \$2.00, oz. \$8.00

BALL'S BLUE

Tr. pkt.....	\$1.00	1/4 oz.....	\$2.50	Oz.....	\$10.00
--------------	--------	-------------	--------	---------	---------

GIANTS OF CALIFORNIA

SANTA MARIA. The best double pure white Stock on the market.
Tr. pkt. 50c., 1/4 oz. \$1.00, oz. \$3.50

GIANT PERFECTION

	Tr. pkt.	1/8 oz.	Oz.
HEATHAM BEAUTY. Rose shaded terra cotta.....	\$0.25	\$0.35	\$2.20
EMPRESS AUGUSTA VICTORIA. Silvery lilac.....	.25	.35	2.20

GIANT BISMARCK

ANTIQUE COPPER	ELK'S PRIDE	LAVENDER
APPLEBLOSSOM	FIERY BLOOD RED	LILAC
BUTTERCUP	FLESH	OLD ROSE
CHAMOIS	GOLD BALL	ROSE
DARK BLUE	GOLDEN ROSE	WHITE

Each, above: Tr. pkt. 35c., 1/8 oz. 50c., oz. \$3.00



Giant Bismarck Stock

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

SWEET PEAS

Our Sweet Peas have been treated with Cuproside so they do not need to be soaked before planting.

SPENCER VARIETIES For Early Winter Flowering

AMETHYST. Purple.	HOPE. Best white.
ANNIE LAURIE. Rose.	JEANNE MAMITSCH. Rose.
APOLLO. Salmon.	JOSIE. Clear rose.
BALL'S ROSE IMPROVED	MAJESTIC ROSE.
BLUE BIRD.	MICHIGAN BEST LAVENDER.
BURPEE'S LAVENDER.	MISS CALIFORNIA. Salmon
BURPEE'S ORANGE.	cream pink.
CATTLEA. Rosy lilac.	MRS. H. HOOVER. Blue.
EARLY ATTRACTION. Salmon	MRS. KERR. Salmon.
rose.	RAMONA. Coral rose.
EILEEN. Rich rose.	SNOWSTORM IMP. White.
ELEANOR BLUE.	SUNRAY. Cerise.
FORTY-NINER. Orange.	SWEET BRIAR. Rose pink.
GIANT ROSE.	VALENCIA. Orange.
GLITTERS. Fiery orange.	VULCAN. Vivid scarlet.
GRENADIER. Scarlet.	WHITE HARMONY.
HARMONY. Lavender.	ZVOLANEK'S ROSE.

Above at: Oz. 35c., ¼ lb. \$1.00, lb. \$3.40

EARLY DAPHNE. Salmon pink.	PRINCESS BLUE. Belladonna
EARLY MARS. Oxblood crimson.	blue.
EVENING STAR. Orange scarlet.	VIRGINIA. Rose pink on white
	ground.

Above at: Oz. 50c., ¼ lb. \$1.65, lb. \$6.00

BRIDESMAID. Silvery pink.	TRIUMPH. Lilac mauve.
TOP HAT. Violet blue.	

Above at: Oz. 35c., ¼ lb. \$1.25, lb. \$4.00

SPENCER VARIETIES For Outdoor Planting

Varieties listed below are those that have proven to be the best in each color.

AMBITION. Rich deep lavender.	POWERSCOURT. Lavender.
CONSTANCE HINTON. Giant-	PRINCE OF ORANGE. Deep
white, black-seeded.	orange.
HAWLMARK. Large true laven-	ROYAL PURPLE. Rich purple.
der.	SUNKIST. Cream picotee edged
HEBE. Bright pink.	rose.
HERCULES. Rosy pink.	WELCOME. Dazzling Scarlet.
PINKIE. Large rosy pink.	MIXED.

All the above at: Oz. 20c., 4 ozs. 50c., lb. \$1.75

DIANA. Rose on cream ground.	MAYTIME. Golden cerise.
GOLDEN DRAGON. Orange	RED ROVER. Dark crimson.
wings shading to rose.	

Above at: Oz. 35c., ¼ lb. \$1.00, lb. \$3.00

THUNBERGIA

MIXED.....Tr. pkt. 15c., oz. 60c., lb. \$6.00

VERBENA

	Tr. pkt.	¼ oz.	Oz.
BEAUTY OF OXFORD HYBRIDS.....	\$0.35	\$0.60	\$2.00
GIGANTEA ALBA. Very large pure white.....	.25	.50	1.60
GIGANTEA LAVENDER GLORY.....	.25	.50	1.60
GIGANTEA LUMINOSA.....	.25	.50	1.60
GIGANTEA ROSE CARDINAL. Bright red.....	.25	.50	1.60
ROYALE. Royal blue.....	.25	.50	1.60
GIGANTEA SALMON PINK.....	.25	.50	1.60
GIGANTEA SUTTON'S GIANT PINK.....	.25	.50	1.60
GIGANTEA VIOLACEA STELLATA. Violet,			
white eye.....	.25	.50	1.60
ETNA. Geranium red.....	.25	.50	1.60
ROYAL BOUQUET MIXED.....	.35	.75	2.50
HYBRIDA COMPACTA ROSE BOUQUET.....	.35	.70	2.40
HYBRIDA COMPACTA PINK BOUQUET.....	.35	.70	2.40
HYBRIDA GRANDIFLORA CRIMSON GLOW.....	.25	.50	1.60

VINCA

	Tr. pkt.	¼ oz.	Oz.
ROSEA. Pink. 1 ft.....	\$0.15	\$0.25	\$0.80
FLORE ALBA OCULATA. White with pink eye..	.15	....	.80
ALBA PURA. Pure white.....	.15	.25	.80
DELICATA. Soft pink.....	.15	....	.80
MIXED.....	.15	.25	.80



Zinnia Crown O'Gold

ZINNIAS

BODGER'S NEW GIANT-FLOWERED, OR COLOSSAL

APRICOT YELLOW	CREAM	ROYAL PURPLE
LIGHT CANARY	CRIMSON	LAVENDER
BRIGHT ROSE	DEEP FLESH	ORANGE
BUTTERCUP	DEEP SALMON	VIOLET
BURNT ORANGE	GOLDEN YELLOW	SCARLET
	PINK SHADES	

Tr. pkt. 15c., ¼ oz. 35c., oz. 60c., lb. \$6.00

LILLIPUT—Mixed

SCARLET GEM	ORANGE	PURPLE
WHITE GEM	LILAC	SALMON ROSE
ROSE BUD	GOLDEN GEM	

Tr. pkt. 15c., oz. 60c.

LILLIPUT

PASTEL SHADES MIXED (Novelty).....Tr. pkt. 25c., oz. 75c.

ZINNIAS

DAHLIA-FLOWERED

ATTRACTION. Brick red.	OLD ROSE.
BUTTERCUP. Yellow.	ORIOLE. Orange and gold.
CANARY BIRD. Primrose.	METEOR. Darkest red.
CRIMSON MONARCH. Best	SCARLET FLAME. Bright scar-
red.	let.
DREAM. Deep lavender.	POLAR BEAR. White.
EXQUISITE. Light rose.	PURPLE PRINCE.
GOLDEN DAWN. Golden yellow.	LUMINOSA. Bright deep pink,
GOLDEN STATE. Rich orange.	suffused with salmon.
ILLUMINATION. Deep rose.	DAHLIA-FLOWERED MIXED.
OLD GOLD. Burnished shades of	Many colors.
deep and old gold.	

Above at: Tr. pkt. 25c., ¼ oz. 35c., oz. \$1.00, ¼ lb. \$3.50, lb. \$12.00

	Tr. pkt.	Oz.
CROWN O'GOLD or DESERT GOLD.....	¼ oz. 50c., \$0.25	\$1.00
CHRYSANTHEMUM-FLOWERED or FANTASY. Fin-		
est mixed.....	¼ oz. 50c.	.25 1.00
PUMILA DWARF DOUBLE SPUN GOLD.....	.15	.50
GAILLARDIA-FLOWERING FINEST MIXED.....	.35	.75
FANTASY STAR DUST.....	.50	.85
LINEARIS. Yellow, dark center.....	.25	1.80

VEGETABLE SEED

We carry a full line for florists at market prices.

CABBAGE, CELERY, CAULIFLOWER, EGGPLANT, LETTUCE, PEPPERS, TOMATOES, etc. in best varieties.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

AMARYLLIS

Delivery—September to Spring

MEAD'S CHOICE HYBRIDS

	100	1000		100	1000
2 -2½ in.....	\$9.50	\$85.00	2¾-3 in.....	\$17.50	\$165.00
2¼-2½ in.....	11.00	100.00	3-3¼ in.....	21.00	200.00
2½-2¾ in.....	13.50	125.00			

ANEMONES

Delivery—September to Spring

	Jumbo	Top Size	Size No. 1
	100	1000	100
BLUE POPPY. Bright blue.	\$4.00	\$35.00	\$3.50
CHRYSANTHEAFLORA...	4.00	35.00	3.50
HIS EXCELLENCY. Brill-			
liant scarlet.....	4.00	35.00	3.50
MONARCH DE CAEN.....	3.50	30.00	3.00
ST. BRIGID (Creagh Castle)	4.00	35.00	3.50

BEGONIAS

TUBEROUS-ROOTED—EXTRA CHOICE STRAIN

Delivery—January to Spring

SINGLE—Separate Colors: Scarlet, Pink, Rose, Crimson, Yellow, Orange, Salmon, White—and All Other Colors Mixed.

DOUBLE—Camellia Type: Crimson, Scarlet, Yellow, Salmon Pink, White—and All Other Colors Mixed.

Price both varieties: 1½-1¾ in. \$10.00 per 100; 2 in. \$14.00 per 100

BLEEDINGHEART ROOTS

Delivery—December and Later

3 to 5 Eyes.....100, \$22.50

FANCY LEAF CALADIUMS

CHOICE NEHRLING STRAIN

Delivery—January to Spring

SEPARATE NAMED VARIETIES.....\$14.00

NAMED VARIETIES, MIXED.....11.00



Begonia, Camellia Double

CALADIUM ESCULENTUM

(Elephants-ear)

Delivery—January to Spring

	100	1000		100	1000
5- 7 in.....	\$2.75	\$22.00	11-13 in.....	\$12.00	\$115.00
7- 9 in.....	3.50	30.00	13-15 in.....	17.00	165.00
9-11 in.....	6.00	55.00			

CALLAS

AETHIOPICA. White. August delivery.

	100	1000		100	1000
1¼-1½ in.....	\$5.00	\$45.00	2 in. up.....	\$20.00	\$180.00
1½-1¾ in.....	9.50	85.00	3 in. up—Jumbos..	30.00	.....
1¾-2 in.....	15.00	135.00			

GODFREY. White. August delivery.

1 -1¼ in.....	\$7.50	\$60.00	1½-1¾ in.....	\$17.50	\$150.00
1¼-1½ in.....	15.00	135.00	1¾ in. up.....	19.00	180.00

ELLIOTTIANA. Yellow. November delivery.

1¾-2 in.....	\$7.00	\$60.00	2½-3 in.....	\$14.00	\$130.00
2 -2¼ in.....	10.00	85.00	3 in. up.....	22.00	200.00
2¼-2½ in.....	12.00	110.00			

BABY, or MIDGET CALLAS. White. August delivery..100, \$15.00

CANNAS

STRONG ROOTS—2- TO 3-EYES

Delivery—January to Spring

GREEN FOLIAGE—PINK SHADES

	100	1000
APRICOT. 4 ft. Buff yellow.....	\$3.00	\$25.00
CITY OF PORTLAND. 5 ft. Rosy pink.....	4.00	35.00
EUREKA. 4 ft. Best white.....	4.00	35.00
GOLDEN GATE. 4 ft. Gold to orange crimson.....	3.00	25.00
HUNGARIA. 3½ ft. Pure LaFrance pink with satiny sheen.	4.00	35.00
KARL MERCK. 4 ft. Yellow with orange tinge.....	4.00	35.00
MRS. ALFRED F. CONARD. 4 ft. Salmon pink.....	4.00	35.00
OSTRICH. 4 ft. Fine white.....	4.00	35.00
RICHARD WALLACE. 4 ft. Canary yellow.....	3.50	30.00
ROSEA GIGANTEA. 3½ ft. Rich soft rose pink.....	4.00	35.00
YELLOW KING HUMBERT. 4 ft. Yellow blotched red..	3.50	\$30.00

GREEN FOLIAGE—RED SHADES

ALLEMANIA. 5 ft. Orchid, yellow border.....	\$3.00	\$25.00
CHARLES HENDERSON. 4 ft. Crimson scarlet.....	3.00	25.00
CRIMSON BEDDER. 3½ ft. Crimson.....	3.00	25.00
FIRE BIRD. 4 ft. Deep red.....	3.00	25.00
KATY GREY. 4 ft. Dark red.....	3.00	25.00
MME. CROZY. 3½ ft. Vermilion, scarlet-yellow eye...	3.00	25.00
ORANGE BEDDER. 4 ft. Bright orange.....	3.00	25.00
PENNSYLVANIA. 6 ft. Large orchid-flowered scarlet...	3.00	25.00
THE PRESIDENT. 4 ft. Rich scarlet.....	3.50	30.00
WINTZER'S COLOSSAL. 5 ft. Vivid scarlet.....	3.00	25.00

BRONZE FOLIAGE

AMBASSADOR. 4 ft. Brilliant red.....	\$4.00	\$35.00
KING HUMBERT. 4 ft. Orange scarlet, rose tinted.....	3.50	30.00

PURPLE FOLIAGE

WYOMING. 5 ft. Orange.....	\$3.00	\$25.00
----------------------------	--------	---------

RUBY RED FOLIAGE

SHENANDOAH. 4 ft. Salmon-pink.....	\$3.00	\$25.00
------------------------------------	--------	---------

DAHLIAS

POPULAR VARIETIES

	Each Clumps	Roots
BEAUTY SUPREME. Lavender.....	\$0.35	\$0.25
CAVALCADE. Old rose.....	.60	.40
JANE COWL. Buff and gold.....	.35	.15
JERSEY BEAUTY. Pink.....	.20	.15
JERSEY BEACON. Chinese red.....	.20	.15
JEAN KERR. White.....	.30	.15
JOE FETTE. Pompon. White.....	.30	.20
KEMP'S WHITE WONDER. White.....	.35	.25
KISS MEE. Red and white.....	.40	.25
MRS. IDA WARNER. Orchid.....	.20	.15
MARMION. Yellow and orange.....	.50	.25
WHITE BEAUTY.....	1.75	1.00
WHITE KING.....	.40	.30
MIXED.....	.10	....

Send for Complete List

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



NEW WHITE FREESIA

SCHROEDER'S WHITE PERFECTION

Patent No. 237

Delivery August and Later

Far superior to Purity or any other white Freesia on the market. A thrifty grower, produces strong stems 18 to 24 inches long. The flowers are very firm and fragrant and as large as Golden Daffodil. Before putting Schroeder's on the market in 1937 we had it on trial with over 50 growers who pronounced it the best Freesia they had ever grown. During its short life of three years, Schroeder's White Perfection has already become an outstanding leader and a champion of white Freesias.

	100	1000		100	1000		100	1000
$\frac{1}{2}$ - $\frac{5}{8}$ inch.....	\$1.25	\$7.50	$\frac{5}{8}$ - $\frac{3}{4}$ inch.....	\$1.75	\$12.00	$\frac{3}{4}$ inch up.....	\$2.25	\$17.50

STANDARD VARIETIES

	$\frac{1}{2}$ - $\frac{5}{8}$ " 1000	$\frac{5}{8}$ - $\frac{3}{4}$ " 1000	$\frac{3}{4}$ - $\frac{7}{8}$ " 1000		$\frac{1}{2}$ - $\frac{5}{8}$ " 1000	$\frac{5}{8}$ - $\frac{3}{4}$ " 1000	$\frac{3}{4}$ - $\frac{7}{8}$ " 1000
ALBATRE. New pure white, rigid long stem...	\$25.00	\$30.00	\$40.00	MISS BLANCHE BLUE. Best commercial blue.	\$12.00	\$18.00	\$35.00
APOTHEOSE. Bright carmine pink.....	7.50	12.00	20.00	MRS. MARC PETERS. Deep rose, yellow throat	12.00	15.00	20.00
BLUE BIRD. Violet blue; late.....	12.00	17.50	....	OLIVETTE. Carmine red.....	12.00	15.00	20.00
CALIFORNIA. Yellow, star-shaped.....	10.00	12.00	17.50	ORCHIDEA. Soft pearly mauve with yellow throat; large open flowers.	15.00	21.00	27.50
CARRIE BUDAU. Lavender pink.....	12.00	17.50	....	PENSOROSA. Best giant pink.....	15.00	21.00	27.50
ELDERS DOUBLE WHITE.....	35.00	40.00	60.00	PINK BEAUTY. Rose pink.....	12.00	15.00	....
ELDERS DOUBLE YELLOW (Judy).....	40.00	(Ungraded, $\frac{1}{2}$ in. and up, run of crop)		PINKY. Large, clean pink.....	12.00	15.00	....
ELDERS GIANT WHITE.....	10.00	18.00	35.00	PURITY IMP. or SUPERFLORA. White..	6.00	10.00	14.00
ELDERS RED.....	12.00	18.00	35.00	RAINBOW MIXED.....	10.00	12.00	....
FIRE. Golden yellow, orange tints.....	10.00	12.00	16.00	RED RIDING HOOD. Blood red with yellow throat. Strong rigid stems. Distinct color in Freesias. Attractive for Valentine's Day....	27.50	32.50	37.50
GENERAL PERSHING. Lavender pink.....	12.00	17.50	....	ROBERT CRAIG. Lavender blue.....	12.00	15.00	18.00
GOLDEN DAFFODIL. Giant golden yellow...	6.00	10.00	14.00	ROSY MORN. Fine commercial rose pink....	12.00	18.00	35.00
GOLDEN TREASURE. Yellow, lavender trace	10.00	12.00	17.50	RUTH CHATTERTON. Lovely combination of rose and yellow, shading with large blooms and long heavy stem. Fragrant.....	21.00	25.00	30.00
GOLDEN WONDER. Best yellow.....	25.00	30.00	40.00	SCHROEDER'S WHITE PERFECTION (Patent No. 237). Best white Freesia on market...	7.50	12.00	17.50
MARIE LOUISE VIOLET. Dark violet blue, slightly shading to red. Very robust grower. Heavy stem and large truss.....	17.50	22.50	27.50	SPLENDENS IMPROVED. Lavender blue...	10.00	12.00	15.00
MARIE LOUISE FISHER. Best blue.....	10.00	12.00	17.50	SUNSET. Golden yellow, orange tints.....	12.00	17.50	23.00
MENDOTA. Bright yellow; late.....	10.00	12.00	17.50	WHITE CHIEF. White.....	6.00	10.00	14.00
MIA MARVIN. Giant canary yellow with deep orange blotch on lower lip.....	21.00	25.00	30.00	WISTERIA. Deep violet blue.....	8.00	10.00	15.00

250 or more at 1000 rate. Orders less than 250 will be priced slightly higher

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

GLADIOLUS TO-NA-CIDE TREATED

Growing Gladiolus under Glass—Best results are obtained by planting not earlier than February 1 to 15, and the No. 1, first-size bulbs should be used. The bulbs are dug in late Fall and require a rest period until about February 1. By planting too early they are liable to become blind. Average time for blooming is three to four months after planting. Cultural directions on request.

**Indicates varieties especially suitable for early forcing*

	Size No. 1 1½ in. up		Size No. 2 1¼-1½ in.		Size No. 3 1-1¼ in.	
	100	1000	100	1000	100	1000
*ALBANIA. White, short spike.	\$1.90	\$14.00	\$1.40	\$10.00	\$1.10	\$ 7.50
ALBATROSS. Best large white	2.75	22.50	2.10	17.00	1.65	13.00
APRICOT GLOW. Tall, clear apricot.....	1.75	12.00	1.25	7.50	.90	5.50
BERTY SNOW. Lav' der pink	2.00	15.00	1.60	12.00	1.10	7.50
BETTY NUTHALL. Late salmon.....	1.70	12.00	1.15	7.50	.85	5.00
CANBERRA. Best yellow....	2.60	21.00	2.10	17.00	1.65	13.00
*CARMEN SYLVA. White....	1.85	13.50	1.40	10.00	1.10	7.50
CHAS. DICKENS. Best purple	2.25	17.00	1.75	13.50	1.45	11.00
COMMANDER KOEHL. Dark red.....	2.60	21.00	2.10	17.00	1.65	13.00
DEBONAIR. Salmon pink, tall	2.25	18.00	1.90	15.00	1.55	12.00
DR. BENNETT. Best red....	2.10	16.00	1.60	12.00	1.15	8.00
*DOUGLAS, MRS. L. Old rose	1.75	12.50	1.30	9.00	1.00	7.00
*EXCELLENCE. Earliest red.	2.10	16.00	1.60	12.00	1.15	8.00
*FLAMING SWORD. Early red.....	1.75	12.50	1.30	9.00	1.00	7.00
*GIANT NYMPH. Light pink, tall.....	1.75	12.50	1.30	9.00	1.00	6.00
*GLORIANA. Salmon.....	1.75	12.00	1.30	9.00	1.00	6.50
*GOLD EAGLE. Early yellow.	1.75	12.00	1.15	7.50	1.00	6.00
GOLDEN DREAM. Yellow, midseason.....	1.75	12.00	1.15	7.50	1.00	6.00
*HALLEY. Early salmon pink.	2.00	15.00	1.60	12.00	1.35	10.00
HELGA. Salmon.....	1.75	12.00	1.25	8.00	1.00	6.00
HORNBERGER, MRS. F. C. White.....	2.25	17.00	1.75	13.50	1.35	10.00
*LOS ANGELES. Pink.....	1.60	11.00	1.10	7.00	.85	5.00
*MAID OF ORLEANS. Best white.....	2.75	22.00	2.25	18.00	1.65	13.00
MAMMOTH WHITE. Large flower.....	2.50	20.00	2.00	15.00	1.65	13.00
MINUET. Best lavender....	2.75	22.50	2.25	18.00	1.75	14.00
MIXED, ALL COLORS.....	1.00	8.50	1.00	7.00	.85	5.00
MIXED, RAINBOW.....	1.40	9.00	1.15	7.50	1.00	6.00
MIXED, EXHIBITION. Best mixture.....	1.75	12.00	1.25	8.00	1.00	6.50
*ODIN. Early salmon, red blotch	1.85	13.50	1.50	11.00	1.10	7.50
*ORANGE QUEEN.....	1.75	12.00	1.10	7.00	.80	4.50
ORANGE PRINCESS. Early orange red.....	2.75	22.50	2.30	19.00	1.85	15.00
ORANGE IMPERATOR. Or- ange red, tall.....	2.75	22.50	2.30	19.00	1.85	15.00
PEACE. Late white.....	1.90	14.00	1.50	11.00	1.25	9.00
PELEGRINA. Best blue.....	2.50	20.00	2.15	17.50	1.65	13.00
*PENDLETON, MRS. F. Rose pink.....	1.75	12.00	1.30	9.00	1.10	7.00
PETERS, MRS. F. C. Lav' der	2.25	17.00	1.75	13.00	1.35	10.00
PFITZER'S TRIUMPH. Late orange red.....	2.25	17.00	1.80	14.00	1.45	11.00
*PICARDY. Best commercial, shrimp pink.....	1.75	12.00	1.60	9.00	1.15	7.00
*POLAR ICE. Best early white.	2.60	21.00	2.15	17.50	1.65	13.00
PRIDE OF WANAKAH. Old rose.....	1.75	12.00	1.25	8.50	1.00	6.00
PRIMROSE PRINCESS. Cit- ron yellow.....	1.75	12.50	1.30	9.00	1.00	7.00
*QUEEN OF BREMEN. Early lavender.....	1.90	14.00	1.50	11.00	1.10	7.50
RED PHIPPS. Large light red.	2.60	21.00	2.25	18.00	1.85	15.00
SISSON, MRS. P. W. Light pink.....	1.90	14.00	1.50	10.00	1.10	7.00
SONATINE. Large rose pink.	3.10	26.00	2.60	22.00	2.25	18.00
*SOUVENIR. Yellow.....	1.50	10.00	1.10	7.50	.90	5.00
STAR OF BETHLEHEM. White.....	5.50	45.00	4.25	36.00	4.00	30.00
VAN KONYENBURG, MRS. Blue.....	2.50	20.00	2.10	17.00	1.65	13.00
*VIRGINIA. Red.....	1.75	12.00	1.35	9.50	1.00	7.00
VREDENBURGH. White.....	15.00	13.00	11.00	11.00	11.00	11.00
WURTEMBERGIA. Red.....	2.75	22.50	2.30	19.00	1.85	15.00

250 AT 1000 RATE

Let us quote you on Nos. 4, 5, 6, and Bulblets
Special Prices on Large Quantities

GLADIOLUS—BABY

	August Delivery	
	100	1000
RED BRIDE. Top size.....	\$4.00	\$35.00
WHITE BRIDE. Top size.....	4.00	35.00
PEACH BLOSSOM. Top size.....	4.00	35.00
TECOLOTE HYBRIDS: Orchid, Salmon, Red, Or- ange, Scarlet, Rose Pink, Ashes of Roses, Lavender Blue, Mixed.....	4.00	35.00



Gladiolus Picardy

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



Gloxinia, Extra Choice Strain

GLOXINIAS

ALL COLORS MIXED—EXTRA CHOICE STRAIN

Delivery—January to Spring

	100
1-1 1/4 in.....	\$15.00
1 1/2-2 in.....	17.50
2 in. up.....	22.50

HYACINTHS

FINEST HOLLAND GROWN BULBS

Write for Complete List

HYACINTHS—ROMAN

See "ROMAN HYACINTHS"

IRIS

TINGITANA HYBRIDS

West Coast grown. Available in 8-9, 9-10, 10 up and 11 up. Prices definitely set in Spring—September delivery.

DAVID BLESS THE FIRST WEDGWOOD

DUTCH IRIS

West Coast grown, available in 6-7, 7-8, 8 and up. Prices definitely set in Spring—September delivery.

BLOEMAARD	IMPERATOR	VAN DER HELST
BLUE HORIZON	INDIAN CHIEF	VAN EVERDINGEN
(De Vlioger)	(Verschur)	WHITE EXCELSIOR
CELESTIAL	J. W. DE WILDE	YELLOW KING
D. HAERING	J. DE WIT	(Verbeek)
EARLY SNOW	L. DA VINCI	YELLOW QUEEN
(Decker)	POGGENBEEK	MIXED
HUCHTENBERG	THERESA SCHWARTZ	

SPANISH IRIS

West Coast grown, available in 5-6 and 6-7. Prices definitely set in Spring—September delivery.

BELLE CHINOISE	GOLDEN BRONZE	RECONNAISSANCE
BRITISH QUEEN	JAN WEENIX	VAN HEES
CAJANUS	KING OF THE BLUES	ZUDERVELD
GOLDEN WONDER	QUEEN WILHELMINA	

LEUCOCORYNE IXIODES

(Glory-of-the-Sun)

	August Delivery	100	1000
3-YEAR-OLD. Top size.....		\$8.00	\$75.00
3-YEAR-OLD. No. 1 size.....		7.00	65.00

NARCISSUS

Finest quality West Coast grown bulbs only. Available in D. N. No. 1 and D. N. No. 2. Prices expected to be approximately same as 1938—will be definitely set in Spring. September delivery.

ABUNDANCE	JONQUILLA CAM-	PACIFIC SPUR
AEROLITE	PERNELLE	SILVER SPUR
ALBUS PLENUS	KING ALFRED	SIR WATKIN
ODORATUS	LADY MOORE	SASSENHEIM
AMERICA (Bicolor)	LAUREATE	SPRING GLORY
ARGENT	LAURENS KOSTER	TRESSERVE
BERNARDINO	LIBERTY (Yellow	THE FIRST
CROESUS	Trumpet)	TWINK
DANTE and OR-	LORD KITCHENER	VAN WAVEREN
NATUS	MIXED (Minimum)	GIANT
DIANA KASNER	MINISTER TALMA	VON SION
EMPEROR	MRS. E. H. KRE-	VICTORIA
GOLD EAGLE (Dou-	LAGE	WHITEWELL
ble Sir Watkin)	NANNIE NUNN	WILL SCARLETT
GOLDEN SCEPTRE	OLYMPIA	
GOLDEN SPUR	ORANGE CUP	



Narcissus Paperwhites

NARCISSUS—PAPERWHITES

TRUE GRANDIFLORA

	September Delivery	100	1000
13-14 ctns.....		\$2.00	\$16.00
14-15 ctns.....		2.50	20.00
15-16 ctns.....		3.00	24.00
16 ctns. up.....		4.00	32.00

ORNITHOGALUM

	August Delivery	100	1000
ARABICUM (Star of Bethlehem).....		\$5.00	\$40.00
AUREUM (African Gold Star).....		8.00	75.00
SPLENDENS (Red Star).....		12.00	100.00
SPECIOSUM (Silver Star).....		8.00	75.00
THYRSOIDES (South African Chinchieruichee).....		5.00	40.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

LILY-OF-THE-VALLEY PIPS

Delivery—January and Later

We offer choicest German Pips, supreme quality—namely:

EXTRA RE-SELECTED EXHIBITION EARLY FORCING. Suitable for forcing January 20 to June 1.

EXTRA RE-SELECTED EXHIBITION LATE FORCING. Suitable for forcing June 1 to January 20.

Price on either of above:

Case of 250.....\$11.00	Case of 1000.....\$37.50
Case of 500.....19.00	5000 or over—per 1000.....35.00
For Christmas.....	Plant December 1
For Valentine's Day.....	Plant January 20
For Easter, 1939 (April 9th).....	Plant March 16
For Mother's Day, 1939 (May 14th).....	Plant April 20

We also recommend another excellent grade **LATE HAMBURGIA FORCING**, which will give excellent results at a little lower price.

Case of 250.....\$9.00	Case of 1000.....\$32.50
Case of 500.....17.00	5000 or over—Per 1000.....30.00

CREOLE LILIES

Delivery—October and Later

These Lilies are becoming very popular. Large, firm flowers, fine for Easter. Bulbs grown in Louisiana from very reliable source.

6- 8—400 bulbs..\$32.00 per case	9-11—200 bulbs..\$32.00 per case
7- 9—300 bulbs..\$32.00 per case	10-11—150 bulbs..\$32.00 per case
8-10—225 bulbs..\$32.00 per case	

Offered subject to crop conditions—Prices f.o.b. New Orleans

LILIUM ERABU

Delivery—September and Later

STANDARD PACKING

6- 8.....400 bulbs	9-10.....200 bulbs
7- 9.....300 bulbs	10-11.....150 bulbs
8- 9.....250 bulbs	11-13.....100 bulbs
8-10.....225 bulbs	13-15.....60 bulbs

Also available in Baby Cases of 100 bulbs each. **Let us quote you**

LILIUM FLORIDI

WONDERFUL FOR POTS

Delivery Early August

This Lily is a cross Giganteum and Harrisi and the bulbs are grown for us in Bermuda. **IT IS NOT HARDY.** Should be grown in green-houses at a temperature of 50 to 55. A fine Lily to grow for an early Easter. Wonderful Lily for pots. Strong grower with very firm, hard, leathery flowers.

6-7.....400 bulbs per case	8-10.....200 bulbs per case
7-9.....250 bulbs per case	9-11.....150 bulbs per case

All at \$25.00 per case

7-9—Baby cases—100 bulbs.....	\$15.00 per case
-------------------------------	------------------

LILIUM GIGANTEUM

Delivery, Southern Grown—October and Later

Delivery, Northern Grown—November and Later

STANDARD PACKING

6- 8.....400 bulbs	9-10.....200 bulbs
7- 9.....300 bulbs	10-11.....150 bulbs
8- 9.....250 bulbs	11-13.....100 bulbs
8-10.....225 bulbs	13-15.....60 bulbs

Also available in Baby Cases of 100 bulbs each—**Let us quote you**

LILIUM HARRISI

Delivery Early August

6- 7—335 bulbs.....	\$21.50
7- 9—200 bulbs.....	21.50
8-10—150 bulbs.....	21.50
9-11—100 bulbs.....	21.50
11-13—50 bulbs.....	22.50

LILIUM HOWARDI

A new hybrid Lily, Harrisi type, from Bermuda. Should be grown at temperature 50 to 55. Has been favorably received during first two years of introduction.

6-7.....335 bulbs per case	8-10.....150 bulbs per case
7-9.....200 bulbs per case	9-11.....100 bulbs per case

All at \$25.00 per case

7-9—Baby Cases—100 bulbs.....	\$15.00 per case
-------------------------------	------------------

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



Lily-of-the-valley

HARDY LILIES ALBUM

Delivery—December to Spring		Case
8 to 9 in.—200 to case.....		\$27.50
9 to 11 in.—160 to case.....		28.00

AURATUM

Delivery—December to Spring		Case
8 to 9 in.—200 to case.....		\$16.00
9 to 11 in.—125 to case.....		16.00
11 to 13 in.— 90 to case.....		16.50
13 to 15 in.— 50 to case.....		16.50

AURATUM PLATYPHYLLUM

		Case
8 to 9 in.—180 to case.....		\$19.00
9 to 11 in.—125 to case.....		20.00

CANDIDUM

MADONNA LILY

FRENCH NORTHERN GROWN

Delivery—August and Later		100	1000	100	1000
20-22 ctms.....	\$9.00	\$80.00	28-30 ctms.....	\$22.50	\$200.00
22-24 ctms.....	10.50	87.50	30-32 ctms.....	27.00	....
24-26 ctms.....	14.50	120.00	32-35 ctms.....	30.00	....
26-28 ctms.....	16.00	150.00	35 and up.....	35.00	....

HANSONI

7 to 9 in.....	\$15.00 per 100	9 to 10 in.....	\$21.00 per 100
8 to 9 in.....	\$17.00 per 100	11 to 12 in.....	\$25.00 per 100

HENRYI

		100	Case
7 to 9 in.—250 to case.....		\$7.00	\$15.00
8 to 9 in.—200 to case.....		9.00	15.00
9 to 10 in.—150 to case.....		12.00	15.00



Lilium Candidum

MAGNIFICUM or RUBRUM

Delivery—December to August		Case
7 to 9 in.—250 to case.....		\$15.00
8 to 9 in.—200 to case.....		15.00
8 to 9 in.—100 bulbs, Baby case.....		9.00
9 to 11 in.—130 to case.....		16.00
11 to 13 in.— 90 to case.....		16.00

PHILIPPINENSE

Delivery—November to Spring

Every florist should plant some of these pure white Lilies as they will flower all Summer. Plant some in flats for inside, also make a planting outside. They are hardy and will pay you well. You will cut flowers all Summer when you can use them in your make-up work.
\$6.00 per 100, \$50.00 per 1000

REGALE

Delivery—November to Spring

		100	1000	100	1000
5-6.....	\$4.50	\$40.00	8- 9.....	\$10.00	\$95.00
6-7.....	5.50	50.00	9-10.....	13.00	120.00
7-8.....	8.00	75.00	10-11.....	17.00	165.00

TENUIFOLIUM

Delivery—November to Spring

A beautiful bright red Lily. Can be grown between your Carnations where their slender, stiff stems will not shade the Carnations. Or can be grown in flats. Will flower in 100 days from planting. Fine in retail work.
\$5.00 per 100, \$40.00 per 1000

TIGRINUM SPLENDENS

		100	Case
7 to 9 in.—250 to case.....		\$7.00	\$14.00
8 to 9 in.—200 to case.....		9.00	14.00
9 to 10 in.—150 to case.....		12.00	14.00
11 to 12 in.—120 to case.....		15.00	

AMERICAN, ENGLISH and ORIENTAL LILIES

		Doz.	100
CANADENSE. Yellow and orange.....		\$1.50	\$10.00
ELEGANS. Mixed.....		1.00	10.00
JAPONICUM. Pink.....		2.00	15.00
PARDALINUM.....		1.75	12.00
SUPERBUM. Orange.....		1.50	10.00
TIGRINUM FLOREPLENO.....		1.15	7.50
UMBELLATUM. Mixed.....		1.50	10.00



Lilium Magnificum

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



French Roman Hyacinths

FRENCH ROMAN HYACINTHS

	August Delivery					
	White		Blue		Pink	
	100	1000	100	1000	100	1000
12-13 ctm.....	\$6.00	\$55.00	\$4.50	\$40.00	\$4.50	\$40.00
13-14 ctm.....	6.50	60.00	5.00	45.00	5.00	45.00
14-15 ctm.....	7.50	70.00	6.00	55.00	6.00	55.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

RANUNCULUS

Delivery—September to Spring

	Jumbo		Top Size		Size		No. 1
	100	1000	100	1000	100	1000	
TECOLOTE GIANTS. Mixed.	\$3.50	\$30.00	\$3.00	\$25.00	\$2.50	\$20.00	
TECOLOTE GIANTS. Red shades.....	4.00	35.00	3.50	30.00	3.00	25.00	
TECOLOTE GIANTS. Yellow shades.....	4.00	35.00	3.50	30.00	3.00	25.00	
TECOLOTE GIANTS. Gold..	4.50	40.00	4.00	35.00	3.50	30.00	
FLORENTINE.....	4.00	35.00	3.50	30.00	3.00	25.00	
PALAFLOA.....	4.00	35.00	3.50	30.00	3.00	25.00	
PALESTINE.....	4.00	35.00	3.50	30.00	3.00	25.00	
BALLIANG. Semi-double, brilliant, petals frilled.....	4.00	35.00	3.50	30.00	3.00	25.00	

SPIREA CLUMPS
FOR FORCING

December Delivery		100	1000
AMERICA. Lavender pink.....		\$22.50	\$200.00
DEUTSCHLAND. Pink.....		25.00	240.00
GLADSTONE. White.....		25.00	240.00
GLORIA. Deep pink—bushy.....		22.50	200.00
GLORIA SUPERBA. Reddish pink.....		22.50	200.00
PEACH BLOSSOM.....		22.50	200.00
QUEEN ALEXANDRA. Pink.....		22.50	200.00

TUBEROSES

Delivery—January to Spring

DWARF EXCELSIOR PEARL		100	1000
Top Size, 6-8 in.....		\$5.50	\$45.00
First size, 4-6 in.....		2.50	20.00
Second Size, 3-4 in.....		1.60	12.00
ALBINO. Early single white.....		2.50	22.50
ARMSTRONG'S EVERBLOOMING.....		2.50	22.50
MEXICAN.....		2.50	22.50
VARIEGATED-LEAVED. Single.....		2.50	22.50

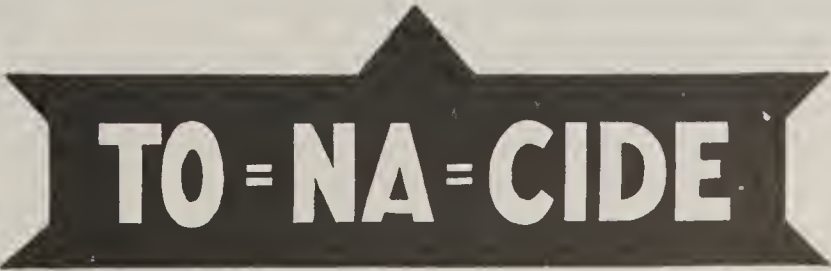
TULIPS

FINEST HOLLAND GROWN BULBS
Write for Complete List

MISCELLANEOUS BULBS

Delivery—February to Spring

	Doz.	100	1000
APIOS TUBEROSA (Climber).....	\$1.10	\$7.00	\$65.00
CINNAMON VINES (Climber). Large roots.....	.70	4.50	40.00
HYACINTHUS CANDICANS, 1¼ to 1½ in.....	.75	5.00	45.00
1½ to 2 in.....	.90	6.00	55.00
ISMENE CALATHINA.....	1.45	9.50	90.00
MADEIRA-VINE. 2 to 3 in.....	.50	3.50	30.00
3 in. and up.....	.70	4.50	40.00
MONTBRETIA. In 25 standard varieties and 15 varieties in the newer Earlham Hybrids. Prices and list of varieties on application.			
MONTBRETIAS, MIXED.....	.55	3.50	30.00
OXALIS. In separate colors.....	.80	5.00	
TIGRIDIAS, MIXED.....	1.00	6.50	60.00
TIGRIDIAS (Ferraria). Fine bulbs in 5 Named Varieties—Scarlet, White, Yellow, Orange Scarlet, Crimson.....		10.00	....
ZEPHYRANTHES CANDIDA.....	.35	1.75	15.00
ZEPHYRANTHES ROSEA.....	.70	4.50	40.00



STAPLE ITEMS FOR THE GROWER

PAPER POTS

BIRD'S NEPONSET

Red Pots for shipping, etc. (light weight).

Green Pots for growing (Waterproofed).

Size	RED		GREEN	
	Price Per 1000	Shipping Weight	Price Per 1000	Shipping Weight
2 in.	\$2.75	10	\$4.95	14
2 1/4 in.	2.85	12	5.20	16
2 1/2 in.	2.95	16	5.60	22
3 in.	3.55	24	7.00	28
3 1/2 in.	4.65	34	8.50	39
4 in.	5.75	23	10.50	26
5 in.	7.65	37	16.00	44
6 in.	10.00	51	20.00	62



Sizes up to 4 inches, packed 1000 to a carton;
4 inches and up, packed 500 to a carton. Sold
in carton lots only. *F.O.B. New York or Boston.*

Quantity Discount:

5 %	on order of 10,000 or more
7 1/2 %	on order of 20,000 or more
10 %	on order of 30,000 or more

Provided entire order is to be shipped at one time. If shipment via
Parcel Post is desired, be sure to include postage.

PLANT BANDS

BIRD'S NEPONSET

2 in.	\$2.50 per 1000
3 in.	\$3.10 per 1000



GARDEN LABELS

	PLAIN 1000	PAINTED 1000
8 in., 7/8 in. wide	\$3.95	\$4.95
10 in., 7/8 in. wide	4.95	5.95
12 in., 1 1/8 in. wide	6.95	8.45

MOSSSES

PEAT MOSS—Bale (about 22 bushels)	\$3.25
ORCHID PEAT—Sack (2 bushels)	2.50
SPHAGNUM MOSS	Prices on application

RUBBER HOSE FOR GREENHOUSES

Prices on application



JAPANESE BAMBOO CANES

	1000	2000
1 1/2 ft. long, dyed green	\$1.50	\$2.40
2 ft. long, dyed green	1.75	3.00
2 1/2 ft. long, dyed green	2.25	4.00
3 ft. long, dyed green	2.75	4.75
3 1/2 ft. long, dyed green	3.50	6.00
4 ft. long, dyed green	4.50	7.50
5 ft. long, dyed green	6.00	10.00
6 ft. long, dyed green	8.00	15.00
6 ft. long, natural	7.50	13.50

SPLIT BAMBOO HYACINTH STICKS

12 in. green	\$1.00 per 1000	18 in. green	\$1.40 per 1000
15 in. green	\$1.20 per 1000	24 in. green	\$1.75 per 1000

CHINESE HEAVY TONKINS

NATURAL COLOR

Of even diameter throughout. Can withstand weather conditions
and the dampness of the soil better than wood. They are stronger and
better in appearance than the wooden stakes and much cheaper. They
are replacing the wooden stakes especially for outdoor staking of plants
like Dahlias, Tomatoes, etc.

3 ft. long, 3/8 in. diameter	\$1.10
4 ft. long, 1/4 in. diameter	1.10
4 ft. long, 3/8 in. diameter	1.30
4 ft. long, 1/2 in. diameter	2.25
4 ft. long, 5/8 in. diameter	2.50
5 ft. long, 3/4 in. diameter	2.75
6 ft. long, 3/4 in. diameter	3.25
7 ft. long, 3/4 in. diameter	3.50
8 ft. long, 3/4 in. diameter	4.00
9 ft. long, 3/4 in. diameter	9.00
9 ft. long, 1 in. diameter	10.00

PAINTED POT LABELS

4 in.	\$2.00 per 1000	6 in.	\$2.50 per 1000
5 in.	\$2.25 per 1000	8 in.	\$3.00 per 1000

TREE LABELS

3 1/2 in. COPPER WIRE	\$2.50 per 100
-----------------------	----------------

FERTILIZERS AND SOIL BUILDERS

	25 lbs.	50 lbs.	100 lbs.	500 lbs.
ACID PLANT FOOD	\$2.25	\$3.50	\$5.50	....
BONEMEAL	....	....	3.25	\$15.00
DRIED BLOOD	....	....	4.45	21.50
FLORANID UREA	2.75	....	7.50	....
ELECTRA	2.50	4.00	6.75	....
HORN SAWDUST	....	....	6.75	....
HORN SHAVINGS	....	....	5.25	....
LEAFMOLD	....	....	2.00	9.50
NITROPHOSKA	2.75	4.75	6.00	....
SMITH'S MUM MANURE	....	....	3.75	17.50

CLAY'S FERTILIZER

BENTLEY'S SWEET PEA MANURE

BENTLEY'S CARNATION MANURE

BENTLEY'S CHRYSANTHEMUM MANURE

BENTLEY'S VINE MANURE

POWDERED WORM ERADICATOR

SCOTCH SOOT

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



SUDBURY SOIL TEST KITS

MODEL A—Used by leading growers, nurserymen, greenkeepers, and
advanced amateurs. In permanent metal case. Three times as much
soil testing solution is contained in this kit, enough for 200 individual
tests for nitrogen, phosphorus, potash and acidity. A test tube rack,
extra test tubes, special glass funnels, color charts and a supply of
filter paper are also included. \$18.50.

MODEL B—In permanent metal case. Contains sufficient chemical for
60 individual tests for nitrogen, phosphorus, potash and acidity.
Case contains test tube rack, extra test tubes, special glass funnels,
color charts and a supply of filter paper. \$9.75.



PURE SHEEP MANURE

Not to be confused with ordinary stockyard manure. Our customers have found this fertilizer very satisfactory. Highly recommended for Carnations and it is also safe and very good for general greenhouse use.

Prompt shipment, F.O.B. woolen mill in Massachusetts in any quantity from one bag to a carload

100 lbs.....	\$2.50	1000 lbs.....	\$18.00
500 lbs.....	10.00	Ton.....	30.00

ROOTONE

A Hormone powder, especially developed for rooting cuttings easier and faster. No solutions, no soaking; just dust and plant. Also recommended for prevention of damping-off by dusting Rootone along soil in thin layer, thereby killing fungi.

2-oz. jar.....	\$1.00
1-lb. can.....	5.00

America's Finest Plant Food

ELECTRA

Growers tell us it is better than imported fertilizer.

(4-9-3)

HIGH ORGANIC

Fast	Safe	Complete
25 lbs.....	\$2.50	50 lbs.....\$4.00
	100 lbs.....	\$6.75

Directions with order

ROOT-GRO

A Natural Aid in Rooting Cuttings

With Root-Gro, cuttings may be made with less care, thereby saving labor. Cuttings develop heavy root systems that are better adapted to withstand shipment and careless handling.

Packages

200 units.....	\$2.00
800 units.....	5.00

UNIVERSAL

ACID PLANT FOOD

(6-15-4)

A complete food for Gardenias, Azaleas, Heather, Rhododendrons, and other plants requiring acid food. *F.O.B. Lynn, Mass.*

25 lbs.....	\$2.25
50 lbs.....	3.50
100 lbs.....	5.50

Directions with order

HORMODIN "A"

"THE ROOT-FORMING CHEMICAL"

"Hormodin" is a hormone-like plant growth substance. Its principal use is to stimulate rapid root growth on cuttings. It has widespread use in propagating cuttings, whether rooted with ease, or normally rooted with difficulty. Many cuttings formerly impossible to propagate may now be rooted with the aid of Hormodin.

Send for booklet. Packages in B. T. I. units

Package, 20 units.....	\$1.00	240 units.....	\$5.00
60 units.....	2.00	480 units.....	9.00
	960 units.....		\$17.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

INSECTICIDES AND DISINFECTANTS

APHINE. Destroys green, black or white fly and most all leaf-sucking insects. Qt. \$1.10, gal. \$3.00.

BLACK ARROW (5000). A non-poisonous pyrethrum dust, effective against many insects. 10 lbs. \$3.35, 50 lbs. \$14.75, 100 lbs. \$26.75.

BLACK LEAF 40. A concentrated solution of nicotine sulphate. An excellent spray for aphids and sucking insects of all kinds. Lb. \$2.25, 2 lbs. \$3.25, 5 lbs. \$5.85, 10 lbs. \$10.60.

BORDEAUX MIXTURE (Powder). Controls all fungus diseases. Can be used either for dusting or as wet spray. 4 lbs. 65c.

COPPER SOLUTION. For rust, blight, mildew, and most leaf diseases. Qt. \$1.50, gal. \$4.60.

CUPROCIDE. Before planting, protect your seed against "damping off" with a coat of Cuprocide-powder. Lb. \$1.00, 5 lbs. \$3.50, 20 lbs. \$12.00.

CYANO GAS

REG. U.S. PAT. OFF.

CYANO GAS (Calcium Cyanide). Very effective chemical fumigant. Controls aphids, thrips, white fly, scale, etc. 5-lb. tin \$3.00, 25-lb. tin \$10.00.

DERRISOL. For control of sucking insects. 2 lbs. \$3.00, 10 lbs. \$12.00.

EVERGREEN. Non-poisonous. Highly effective against both chewing and sucking insects. Harmless to foliage. Gal. \$8.75.

FISH OIL SOAP. For mild forms of scale. Excellent for greenhouse spraying. Kills lice and sucking insects on all plants. 5 lbs. 95c.

FULEX. A liquid fumigator for use in **Fulex** lamps.

No. 400 is for Carnations; No. 300 is for Roses and mixed crops. Specify which. \$9.00 per gal.

No. 200 is for cleaning out empty houses. \$5.00 per gal.

FULEX LAMP STOVES. \$2.25 each.

Fungtrogen

FUNGICIDE AND STIMULANT
REG. U.S. PAT. OFF.

FUNGTROGEN. For mildew and black spots on Roses, Carnations, Snaps; for mildew on Sweet Peas and Hydrangeas. Gal. \$6.00.

FUME-TOBAC. Strong fumigation tobacco powder for burning in greenhouse. 25 lbs. \$4.50, 50 lbs. \$8.00, 100 lbs. \$15.00.

GRAPE DUST. For mold, mildew, or rust-mites, either in the greenhouse or in the open. Used by dusting. 5 lbs. \$1.25.

GRASSELLI STICKER SPREADER. For use with contact spraying insecticides. Gal. \$5.25.



HITOX. A concentrated spray of rotenone and pyrethrum. Qt. \$3.00, gal. \$9.00.

INSECTROGEN. Kills most leaf eating insects such as worms, roller, beetles, etc. on Mums, Snaps, Calendulas, Carnations, Roses, etc. Gal. \$8.00.

LEMON OIL. Destroys mealy bug, scale, red spider. Gal. \$2.50.

LETHANE 440. Kills mealy bug eggs. Mix with soap for red spider. Qt. \$2.75, gal. \$7.00.

LETHANE SPREADER. Gal. \$1.50, 5-gal. can \$6.50.

LORO. For controlling aphids, thrips and red spider. Gal. \$10.50.

MULTICIDE. 50 per cent stronger than Evergreen. Qt. \$2.50, gal. \$9.50.

NICO-FUME LIQUID. A free nicotine preparation used by leading growers for spraying against all leaf sucking insects. 4 lbs. \$5.75, 8 lbs. \$10.00.

NICO-FUME PAPER. This paper is treated with nicotine and gives off dense fumes of strong nicotine when ignited. Can of 24 sheets \$1.25; 144 sheets \$4.50, 288 sheets \$8.00.

NICO-FUME POWDER. For fumigating the greenhouse and conservatory. 5 lbs. \$3.35, 10 lbs. \$5.85.

NICO-FUME POWDER (Pressure Can). Lb. can 75c., case of 12 \$7.00; ½-lb. can 45c., case of 12, \$4.20.

NICO-ROTE. Three-way insect spray. Qt. \$4.00, gal. \$12.00.

PLANTOBAC. Finely powdered tobacco dust. Easily applied with gun or sifter. 100 lbs. \$3.00, 500 lbs. \$12.60.

POTASSIUM PERMANGANATE. A wonderful fungicide and insecticide to kill fungus on seeds, plants, and bulbs. Perfectly safe to use on seedlings. Instructions furnished. Lb. 85c., 5 lbs. \$4.00, 10 lbs. \$7.50.

POWDERED SULPHUR. For Carnations, Mums, etc. An excellent mildew remedy. 10 lbs. \$1.00, 50 lbs. \$3.50, 100 lbs. \$6.50, 250 lbs. \$15.00.



RED ARROW SPRAY. A contact spray fatal to both chewing and sucking insects. 1 oz. makes 4 to 8 gallons of spray. Qt. \$3.60, gal. \$10.70.

RED ARROW SOAP. For use with contact insecticides. Gal. \$1.75.

ROTECIDE. A complete spray. Kills thrips, Japanese and Asiatic beetles, and other insects. Non-poisonous. Qt. \$3.00, gal. \$8.00.

SELOCIDE. For red spider. Gal. \$3.00.

SLUG SHOT. For cabbage worms and all caterpillars and leaf-eating insects; for dusting all kinds of plants. 5 lbs. \$1.00.

TO-NA-CIDE

Patent No. 1,941,055

TO-NA-CIDE. A powder for sprinkling on, or mixing with the soil in greenhouses, coldframes, and outdoors. Forms a gas which destroys insects in the soil—thrips, mealy bug, wire worm, slugs, and certain other insects. Splendid for sprinkling Gladiolus bulbs and Dahlias. 5 lbs. \$1.25, 25 lbs. \$4.00, 50 lbs. \$7.00, 100 lbs. \$13.00; 200 lbs. or more at \$12.50 per 100. (See Back Cover).

THRIP JUICE. For aphids, red spider, mealy bug, etc. Qt. \$1.25, gal. \$4.80.

TOBACCO DUST. For dusting. No. 1 Grade. 100 lbs. \$2.75, 500 lbs. \$12.50, 1000 lbs. \$22.50. F.O.B. New York or Lancaster, Pa.

TOBACCO STEMS (SHREDDED). Best quality of tobacco stems ground, containing all natural nicotine and fertilizer qualities. Fine for top dressing and improves soil texture. Kills many insects. 100 lbs. \$2.10, 500 lbs. \$8.75, 1000 lbs. \$16.25. Special price on large quantities. F.O.B. Lancaster, Pa.

VOLCK (Greenhouse). For scale, red spider, aphids, mealy bug, thrips, etc. Gal. \$2.00.

VOLCK (Nursery). Gal. \$2.00.

VOLCK (Garden). Gal. \$4.00.

WILSON'S O. K. PLANT SPRAY. Powerful yet harmless; an effective spray for Roses, Mums, etc. For greenhouse and general outdoor spraying. Gal. \$3.00, 5 gals. \$12.00.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Important Information

NOTICE—We endeavor to send out only the very best quality of bulbs, seeds, plants and cuttings, and do our utmost to assure you of stock true to name, but we do not warrant in any way, expressed or implied, the contents or the description, quality, productiveness, or any other matter of merchandise sold by us, and we will not in any way be responsible for the crop. If the purchaser does not accept these terms, the merchandise must be returned at once.

We recommend that shipments go by express, except very small shipments which can be readily mailed. Claims cannot be collected when cuttings are shipped through the mail, hence we recommend express, because a claim can be entered for damages through delay, etc. We mail small quantities only in cool weather—it is unsatisfactory to mail cuttings when the warm weather sets in.

TERMS — 60 days net, less 2 per cent cash in 10 days, or less 2 per cent cash with order. **Postage** and **Express** charges must be paid by the customer.

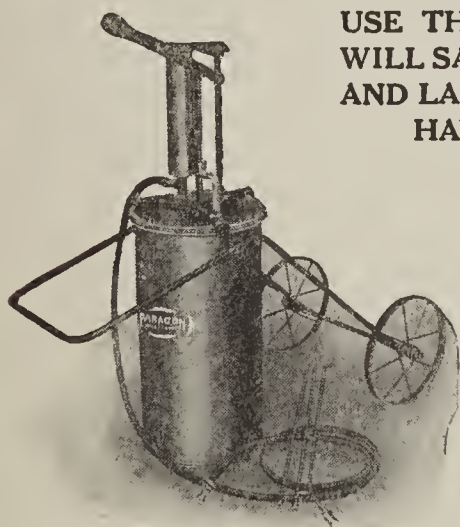
ROMAN J. IRWIN, Inc.

POSTAGE—100 cuttings, add 15c. extra for postage. For each additional 100, add 5c. more. For **Special Handling Service** (which we highly recommend), add 25c. for each shipment—it's worth while.

CLAIMS FOR DAMAGES—You must enter a claim against the express company immediately. According to law the transportation companies are the agents of the buyer, and when goods are delivered to and accepted by such agencies the shipper's responsibility ceases. We will, however, gladly assist you in making your claim if you advise us.

PRICES—All prices in this catalog are subject to change without notice.

Unless otherwise quoted, we sell 250 of a variety at the 1000 rate. Orders for less than 100 see price table, page 1.



Paragon Sprayer No. 3

(Capacity—12 Gallons)

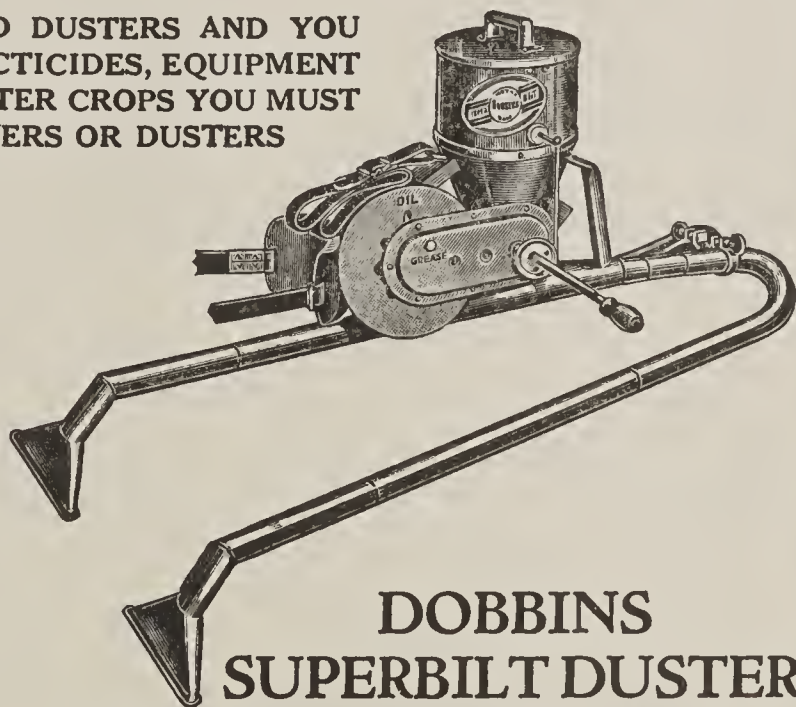
Equipment—10 feet Special Spray Hose, 7½ feet Spray Pipe, 1 Brass Mist Spray Nozzle, 1 Brass Straight Spray Nozzle, 1 Steel Spray Nozzle for whitewash, coldwater paint, etc.

Price \$23.50

Without Truck, Price \$19.50

The world's most efficient and economical sprayer equipment for Nurserymen and Florists. The uses of a Paragon Sprayer are without limit. Will spray insecticides, fungicides, disinfectants, whitewash, coldwater paints, cement coatings, etc.—and do the job better. This is the most popular size for florist's use.

Large Paragon Sprayers are also available. For other types and sizes, send for complete circular.



DOBBINS SUPERBILT DUSTER

THE BEST HAND-POWER DUSTER MADE

For Dusting Crops Grown in Greenhouses or Outside
Comes complete with attachments for dusting 1 or 2 rows. Patented Rotary and Oscillating Agitators and Feeding Device prevent hanging up of powder in hopper. Powerful air blast breaks up the powder into a uniform fine dust and prevents clogging of outlet. Duster is constructed of heavy lead coated steel and is attractively painted. Large cover with special fasteners makes it easy to fill in the powder. Curved adjustable body support fits the operator and makes handling easy. Machine is held securely in place with shoulder and waist straps. Capacity 5 to 10 lbs., depending on powder used. Length, without fittings, 20 in. Height, 15 in.

Equipment includes four 15-in. Pipes, 1 Branch Connection, 2 Elbows and 2 Nozzles. Packed 1 in a box. Net weight, 9 lbs. Shipping weight, 15 lbs.

No. 200—SUPERBUILT DUSTER
Complete \$14.00

For **GREENHOUSE** *Or* **GARDEN USE**

TO=NA=CIDE

PAT. NO. 1941055

For

MUMS
SNAPS
GLADIOLUS

CARNATIONS
DELPHINIUMS

ROSES
ASTERS

DAHLIAS, Etc.

The best Insecticide to kill insects in the Soil, Thrips, Worms, Grubs, Sowbugs, etc. Also a control for Aphis, White Fly, Mite and Red Spider.

25 pounds will cover 1500 square feet

Send for Special Circular with directions

5 pounds	\$1.25	50 pounds	\$ 7.00
10 pounds	2.00	100 pounds	13.00
25 pounds	4.00	200 pounds or more @	12.50
		per 100 pounds	

LESS 2% FOR CASH WITH ORDER, F. O. B. NEW YORK.
WE HAVE HUNDREDS OF SATISFIED CUSTOMERS

Mr. Fritz Bahr Says:

HIGHLAND PARK GREENHOUSES

Dec. 1, 1936.

"We wouldn't think of replanting a bench or groundbed, no matter what it consists of, after the soil has been worked over, without applying a good dose of To-Na-Cide and lightly working the same into the surface. We have found this insecticide by far the most efficient weapon to get rid of and keep under control sowbugs and many other insect pests usually found in soil made use of under glass."

FRITZ BAHR, Highland Park, Ill.

Above prices are subject to change

Roman J. Irwin
Incorporated



38 West 27th Street
New York, N.Y.

Telephone

BOgardus 4-2444

CABLE ADDRESS: "BULBS, NEW YORK"